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Corporate Environmental Programs General Electric Company 100 Woodlawn Avenue, Pittsfield, MA 01201

January 30, 2004

Mr. Michael Nalipinski U.S. Environmental Protection Agency EPA New England One Congress Street, Suite 1100 Boston, Massachusetts 02114-2023

Re: GE-Pittsfield/Housatonic River Site

Groundwater Management Area 1 (GECD310) Groundwater Quality Interim Report for Fall 2003

Dear Mr. Nalipinski:

In accordance with GE's approved Baseline Monitoring Program Proposal for Plant Site 1 Groundwater Management Area (September 2000) and Plant Site 1 Groundwater Management Area Groundwater Quality Interim Report for Spring 2003 (July 2003), enclosed is the Plant Site 1 Groundwater Management Area Groundwater Quality Interim Report for Fall 2003. This report summarizes activities performed as part of the Plant Site 1 Groundwater Management Area (GMA 1) groundwater quality monitoring program during fall 2003 and presents the results of the latest round of sampling and analysis of groundwater performed at GMA 1.

As proposed in GE's *Plant Site 1 Groundwater Management Area Groundwater Quality Interim Report for Spring 2003* (July 2003) and approved by EPA, groundwater sampling activities were limited to select wells where fewer than four sampling rounds were conducted during the baseline monitoring program between fall 2001 and spring 2003, plus additional sample collection for mercury analysis at certain locations. Beginning in spring 2004, an interim groundwater quality monitoring program will be implemented at GMA 1 until such time as all required soil-related Removal Actions are completed within this GMA and a comprehensive long-term monitoring program may be developed.

Please call Andrew Silfer or me if you have any questions regarding this report.

Sincerely,

John F. Novotny, P.E.

Manager - Facilities and Brownfields Programs

Enclosure

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## Plant Site 1 Groundwater Management Area Groundwater Quality Interim Report for Fall 2003

**General Electric Company Pittsfield, Massachusetts** 

January 2004



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### 1. Introduction

#### 1.1 General

On October 27, 2000, a Consent Decree (CD) executed in 1999 by the General Electric Company (GE), the United States Environmental Protection Agency (EPA), the Massachusetts Department of Environmental Protection (MDEP), and several other government agencies was entered by the United States District Court for the District of Massachusetts. The CD governs (among other things) the performance of response actions to address polychlorinated biphenyls (PCBs) and other hazardous constituents in soil, sediment, and groundwater in several Removal Action Areas (RAAs) located in or near Pittsfield, Massachusetts that collectively comprise the GE-Pittsfield/Housatonic River Site (the Site). For groundwater and non-aqueous-phase liquid (NAPL), the RAAs at and near the GE Pittsfield facility have been divided into five separate Groundwater Management Areas (GMAs), which are illustrated on Figure 1. These GMAs are described, together with the Performance Standards established for the response actions at and related to them, in Section 2.7 of the Statement of Work for Removal Actions Outside the River (SOW) (Appendix E to the CD), with further details presented in Attachment H to the SOW (Groundwater/NAPL Monitoring, Assessment, and Response Programs). This report relates to the Plant Site 1 Groundwater Management Area, also known as and referred to herein as GMA 1.

In September 2000, GE submitted a *Baseline Monitoring Program Proposal for Plant Site 1 Groundwater Management Area* (GMA 1 Baseline Monitoring Proposal). The GMA 1 Baseline Monitoring Proposal summarized the hydrogeologic information available at that time for GMA 1 and proposed groundwater and NAPL monitoring activities (incorporating as appropriate those activities that were in place at that time) for the baseline monitoring period at this GMA. EPA provided conditional approval of the GMA 1 Baseline Monitoring Proposal by letter of March 20, 2001. Thereafter, certain modifications were made to the GMA 1 baseline monitoring program as a result of EPA approval conditions and/or findings during field reconnaissance of the selected monitoring locations. Those modifications were documented in update letters from GE to EPA dated May 18, August 16, and August 22, 2001.

The baseline monitoring program, which was initiated in fall 2001, consisted of four semi-annual groundwater quality sampling events followed by preparation and submittal of reports summarizing the groundwater monitoring results and, as appropriate, proposal of modifications to the monitoring program. The fourth baseline monitoring report for GMA 1, entitled *Plant Site 1 Groundwater Management Area Baseline Groundwater Quality Interim Report for Spring 2003* (Spring 2003 GMA 1 Groundwater Quality Report), was

submitted to EPA on July 30, 2003. Section 6.1.3 of Attachment H to the SOW provides that if the two-year "baseline" period ends prior to the completion of soil-related response actions at all the RAAs in a GMA, GE may make a proposal to EPA to modify and/or extend the Baseline Monitoring Program based on the results of the initial assessment and the estimated timing of future response actions at the RAAs in the GMA. The approved GMA 1 Baseline Monitoring Proposal also allows GE to propose a modification and/or extension of the baseline monitoring program based on the results of the initial assessment and the estimated timing of future response actions. Therefore, the Spring 2003 GMA 1 Groundwater Quality Report contained a proposal to modify and extend baseline groundwater quality monitoring activities at GMA 1 (under a program to be referred to as an interim monitoring program) until such time as the soil-related Removal Actions at the GMA 1 RAAs are completed and the needs for a long-term groundwater quality monitoring program may fully delineated. EPA conditionally approved the Spring 2003 GMA 1 Groundwater Quality Report by letter dated September 23, 2003 and GE took into account the conditions set forth in that letter in performing the activities described in this report. Under GE's proposal, as conditionally approved, GE was to conduct a sampling in fall 2003 consisting of the collection of groundwater samples from six wells that did not yet have four complete rounds of sampling as part of the baseline monitoring program and the collection of samples for mercury analysis only from 12 wells at which mercury had been detected in the fall 2002 sampling round.

As part of the interim groundwater quality monitoring program, GE is required to submit reports after each groundwater sampling event to summarize the groundwater monitoring results and related activities and, as appropriate, propose modifications to the monitoring program. This *Plant Site 1 Groundwater Management Area Groundwater Quality Interim Report for Fall 2003* (Fall 2003 GMA 1 Groundwater Quality Report) presents the results of groundwater sampling activities performed at this GMA in October 2003. It should be noted that this report is intended to address groundwater quality issues at GMA 1. Groundwater flow monitoring and the presence and extent of NAPL at GMA 1 are addressed in separate semi-annual reports submitted under GE's NAPL monitoring program.

#### 1.2 Background Information

As discussed above, the CD and SOW provide for the performance of groundwater-related Removal Actions at a number of GMAs. Some of these GMAs, including GMA 1, incorporate multiple RAAs to reflect the fact that groundwater may flow between RAAs. GMA 1 incorporates 11 RAAs and occupies an area of approximately 215 acres (Figures 1 and 2). The RAAs within GMA 1 include the following:

- RAA 1 40s Complex
- RAA 2 30s Complex
- RAA 3 20s Complex
- RAA 4 East Street Area 2-South
- RAA 5 East Street Area 2-North
- RAA 6 East Street Area 1-North
- RAA 12 Lyman Street Area
- RAA 13 Newell Street Area II
- RAA 14 Newell Street Area I
- RAA 17 Silver Lake Area
- RAA 18 East Street Area 1-South

The GMA contains a combination of GE-owned and non-GE-owned industrial areas, residential properties, and recreational areas. The Housatonic River flows through the southern portion of this GMA, while Silver Lake is located along the western boundary.

Certain portions of this GMA originally consisted of land associated with oxbows or low-lying areas of the Housatonic River. Re-channelization and straightening of the Housatonic River in the early 1940s by the City of Pittsfield and the United States Army Corps of Engineers (USACE) separated several of these oxbows and low-lying areas from the active course of the river. These oxbows and low-lying areas were subsequently filled with various materials from a variety of sources, resulting in the current surface elevations and topography.

As discussed in Section 1.1 above, the CD and the SOW provide for the performance of groundwater-related Removal Actions at the GMAs, including the implementation of groundwater monitoring, assessment, and recovery programs. In general, these programs consist of a baseline monitoring program conducted over a period of at least two years to establish existing groundwater conditions and a long-term monitoring program performed to assess groundwater conditions over time and to verify the attainment of the Performance Standards for groundwater. The baseline monitoring program was initiated at GMA 1 in the fall of 2001 and the spring 2003 sampling event constituted the fourth baseline sampling event at most of the wells in GMA 1. EPA has approved the implementation of a modified monitoring program (referred to as the "interim monitoring program") until the completion of the soil-related Removal Actions at the GMA 1 RAAs, at which time a long-term monitoring program will commence.

As set forth in the GMA 1 Baseline Monitoring Proposal and Addendum, the baseline monitoring program at this GMA initially involved a total of 65 monitoring wells. Subsequent modifications to the program resulted in the addition of one well (LSSC-08I) and replacement of five wells with substitute monitoring wells (ESA2S-52 for ES2-17, MW-3R for MW-3, GMA1-13 for 95-9, ESA1S-33 for ES1-8, and ES1-23R for ES1-23). All of these wells were monitored for groundwater elevations on a quarterly basis and sampled on a semi-annual basis for analysis of PCBs and/or certain other constituents listed in Appendix IX of 40 CFR Part 264, plus three additional constituents -- benzidine, 2-chloroethylvinyl ether, and 1,2-diphenyhydrazine (Appendix IX+3). The specific groundwater quality parameters for each individual well were selected based on the monitoring objectives of the well.

In the Spring 2003 GMA 1 Groundwater Quality Report, GE described its proposed interim groundwater quality monitoring program. As approved by EPA, this program was to consist of the following. For fall 2003, GE was to conduct:

- Semi-annual sampling and analyses at any GMA 1 baseline monitoring well where four baseline sampling rounds were not conducted until four such sampling events are performed. Analyses were to be performed according to the requirements of the baseline monitoring program as it existed prior to initiation of the interim sampling.
- Collection of one additional set of samples (collected in fall 2003) for mercury analysis from 12 wells where mercury concentrations above the MCP GW-3 Standard were recorded in fall 2002;

Beginning in spring 2004, GE was to perform:

- Annual sampling and analysis for select constituents at certain GMA 1 locations (i.e., wells where average sample concentrations near the MCP Method 1 GW-3 standards were observed during baseline monitoring and wells downgradient of known NAPL areas/recovery systems where no additional hydraulic controls are in place. The annual sampling schedule will alternate between the spring and fall seasons, beginning with spring 2004.
- Replacement of well MW-4 with a new well (MW-4R) to be sampled during the spring and fall of 2004, after which GE will evaluate whether the analytical results are consistent with prior data from well MW-4 and propose either an annual or semi-annual sampling schedule for the remainder of the interim monitoring program.

- Performance of sampling at certain additional wells specified in EPA's September 23, 2003 conditional approval letter beginning in spring 2004. Specifically, GE will sample LSSC-16S and NS-17 for VOCs only, and wells RF-2, ES1-14, E2SC-23, and LSSC-8S for dissolved PCBs only.
- Performance of well inspections approximately two to three months prior to each sampling event in order to allow timely replacement of any wells found to be damaged.
- Presentation of preliminary monitoring results and analytical data in GE's monthly reports on overall
  activities at the GE-Pittsfield/Housatonic River Site.
- Preparation of brief annual summary reports providing the data results after validation for prior sampling events, evaluations of the monitoring data, and proposals to modify the monitoring program.

The portion of the GMA 1 interim monitoring program performed in fall 2003 is summarized in Table 1.

A separate non-GE-related disposal site, as designated under the MCP, is located on an adjacent property near the northern edge of the Lyman Street Area. This disposal site is the O'Connell Mobil Station site (MDEP Site No. 1-13347) (also referred to as the "East Street Mobil Site") at 730 East Street. GE understands this site is currently being addressed by O'Connell Oil Associates, Inc. to satisfy the requirements of Massachusetts General Laws Chapter 21-E and the MCP. Available documentation indicates that soluble-phase contaminants related to gasoline releases from the O'Connell Mobil Station may have migrated onto GMA 1. GE is required to include available monitoring results from response actions performed at this adjacent site in the baseline monitoring reports for GMA 1. GE has requested but has not obtained any more recent information on this site since submittal of the Spring 2003 GMA 1 Groundwater Quality Report. GE will continue to seek to obtain additional information concerning this site and any information obtained will be included in future groundwater monitoring reports.

#### 1.3 Format to Document

The remainder of this report is presented in five sections. Section 2 describes the groundwater quality-related activities performed at GMA 1 in fall 2003. Section 3 presents the analytical results obtained during the fall 2003 sampling event performed between October 9 and 17, 2003. Section 4 provides a summary of the applicable groundwater quality Performance Standards identified in the CD and SOW, and provides an assessment of the results of the fall 2003 activities, including a comparison to those Performance Standards.

Section 5 proposes certain modifications to the interim groundwater quality monitoring program, which will be continued until such time as the soil-related Removal Actions at the GMA 1 RAAs are completed and the needs for a long-term monitoring program may fully delineated. Finally, Section 6 presents the schedule for future field and reporting activities related to groundwater quality at GMA 1.

## 2. Field and Analytical Procedures

#### 2.1 General

The activities conducted as part of the interim groundwater monitoring program, and summarized herein, primarily involved the collection and analysis of groundwater samples at select monitoring wells within GMA 1, as described in Table 1. The fall 2003 field sampling data are presented in Appendix B. This section discusses the field procedures used to collect groundwater samples, as well as the methods used to analyze the groundwater samples. In addition, information regarding well installation and development of a replacement well at GMA 1 is also provided in this section. All activities were performed in accordance with GE's approved *Field Sampling Plan/Quality Assurance Project Plan* (FSP/QAPP).

#### 2.2 Well Installation and Development

GE installed one replacement well (MW-4R) in fall 2003. This well was installed as a replacement for well MW-4, which was found to be damaged. Groundwater elevations at well MW-4 have been anomalously high during each groundwater elevation monitoring event. This well is located in a high traffic area utilized as part of the Removal Action for the 1-1/2 Mile Reach of the Housatonic River and the surface seal of the well appears to be compromised. Replacement well MW-4R was installed to the east of the MW-4 well location, adjacent to the south wall of the building at 10 Lyman Street so that it would not be impacted by traffic along the access road. The location of the replacement well was approved by EPA. A monitoring well log for the new well is presented in Appendix A.

Following installation, the new well was developed to remove fine materials (e.g., fine sand, silt, clay) that may have accumulated in the filter pack and to ensure that the well screen is transmitting groundwater representative of the surrounding formation. Development was performed by surging the saturated portion of the well screen with a surge block and removing groundwater with a positive displacement pump.

#### 2.3 Groundwater Sampling and Analysis

The fall 2003 groundwater sampling event was performed between October 9 and 17, 2003. Groundwater samples were scheduled to be collected from 18 groundwater monitoring wells. A total of 17 monitoring wells

were actually sampled, as well GMA1-2 was found to be dry at the time of sampling (as had been the case during three of the previous four baseline monitoring events).

Low-flow sampling techniques using either a bladder or peristaltic pump were utilized for the purging and collection of groundwater samples during this sampling event. The sampling methods utilized at each well are specified in Appendix B. Each monitoring well was purged utilizing low-flow techniques until field parameters (including temperature, pH, specific conductivity, oxidation-reduction potential, dissolved oxygen, and turbidity) stabilized prior to sample collection. Field parameters were measured in combination with the sampling activities at the monitoring wells. The stabilized field parameter measurements are presented in Table 2 and the field sampling data are provided in Appendix B. A general summary of the field measurement results during the fall 2003 monitoring event is provided below:

PARAMETER	UNITS	RANGE
Turbidity	Nephelometric turbidity units (NTU)	0.0 - 29.0
pН	pH units	6.11 – 7.56
Specific Conductivity	Millisiemens per centimeter	0.389 – 13.88
Oxidation-Reduction Potential	Millivolts	-138.7 – 165.0
Dissolved Oxygen	Milligrams per liter	0.20 – 9.45
Temperature	Degrees Celsius	11.61 – 18.70

All of the groundwater samples were collected by the low-flow techniques as specified in the FSP/QAPP. However, stabilized field sampling parameters were not recorded at well GMA1-2 due to insufficient quantity of water available during sampling. The well dried shortly after the initial field parameter readings were collected. GE returned to the well on four occasions after the first sampling attempt, but the well remained dry. As such, no groundwater samples were collected from well GMA1-2 in fall 2003. As noted above, this location was also dry during three of the four previous baseline sampling rounds.

The collected groundwater samples were submitted to CT&E Environmental Services, Inc. of Charleston, West Virginia for laboratory analysis. For the two groundwater samples that were monitored for compliance with the GW-3 standards, the samples were submitted for analysis of the following constituents using the associated EPA methods:

CONSTITUENT	EPA METHOD
VOCs	8260B
Semi-Volatile Organic Compounds (SVOCs)	8270C
PCBs (Filtered and Unfiltered Samples)	8082
Polychlorinated Dibenzo-p-dioxins and Polychlorinated Dibenzofurans (PCDDs/PCDFs)	8290
Metals (Filtered and Unfiltered Samples)	6010B, 7000A, and 7470A
Cyanide (Filtered and Unfiltered Samples)	9014
Sulfide	9034

For the three groundwater samples collected from wells that were monitored solely for compliance with the GW-2 standards, the samples were submitted for analysis of the VOCs listed in GE's FSP/QAPP, as well as five compounds listed as SVOCs in the FSP/QAPP (1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2,4-trichlorobenzene, and naphthalene). The VOCs and five SVOCs were analyzed using EPA Method 8260B in accordance with a letter from GE to EPA dated September 28, 2001. In addition, samples from 12 wells were analyzed for mercury only, utilizing EPA Method 7470A. The results of all these analyses are discussed in Section 3.

Following receipt of the analytical data from the laboratory, the preliminary results were reviewed for completeness and compared to the Massachusetts Contingency Plan (MCP) Method 1 GW-2 (where applicable) and GW-3 standards, and to the MCP Upper Concentration Limits (UCLs) for groundwater. The preliminary analytical results were presented in the next monthly report on overall activities at the GE-Pittsfield/Housatonic River Site, along with a discussion identifying sample results received with concentrations above the applicable MCP Method 1 standards and/or UCLs. Finally, the data was validated in accordance with the FSP/QAPP and the validated results were utilized in the preparation of this report. The data validation report is provided in Appendix E.

## 3. Groundwater Analytical Results

#### 3.1 General

A description of the fall 2003 groundwater analytical results is presented in this section. Tables 3 and 4 provide a comparison of the concentrations of all detected constituents with the currently applicable groundwater quality Performance Standards established in the CD and SOW, while Table 5 presents a comparison of the concentrations of detected constituents with the UCLs for groundwater. An assessment of these results relative to those groundwater quality Performance Standards and the UCLs is provided in Section 4.

#### 3.2 Groundwater Quality Results

The following subsections provide an overview of the fall 2003 analytical results from the GMA 1 groundwater quality monitoring wells for each constituent group that was analyzed.

#### 3.2.1 VOC Results

Groundwater samples collected from five groundwater quality monitoring wells were analyzed for VOCs during the fall 2003 sampling event. The VOC analytical results are summarized in Appendix C. No VOCs were detected in two of the groundwater samples, while six individual VOCs were observed in one or more of the remaining four samples. Total VOC concentrations ranged from non-detect (in two samples) to 0.00979 parts per million (ppm). The only VOC observed in more than one groundwater sample was chloroform (detected in groundwater samples from well GMA1-4 at 0.0089 ppm and well LS-29 at 0.00094 J ppm). Both readings are considerably below the Method 1 GW-2 standard of 0.4 ppm and the GW-3 standard of 10 ppm.

#### 3.2.2 SVOC Results

Groundwater samples collected from two GW-3 monitoring wells were analyzed for SVOCs during the fall 2003 sampling event. In addition, samples from three GW-2 wells that are not also GW-3 wells were analyzed for five select SVOCs (1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2,4-trichlorobenzene, and naphthalene), as discussed in Section 2.3. The SVOC analytical results are summarized in Appendix C. No SVOCs were detected in either of the two GW-3 groundwater samples. In regard to the samples from the three

wells that were analyzed only for five select SVOCs, one constituent (naphthalene) was detected in a single GW-2 monitoring well (well LS-MW-3R at concentrations of 0.011 ppm and 0.002 ppm in the original and duplicate samples from this location). These concentrations are considerably below the GW-2 standard of 6 ppm. None of the SVOCs for which analyses were performed was detected in the other two GW-2 wells.

#### 3.2.3 PCB Results

Unfiltered and filtered groundwater samples from two monitoring wells were analyzed for PCBs as part of the fall 2003 sampling event. The PCB analytical results are summarized in Appendix C. One or more PCB Aroclors were detected in each of the unfiltered or filtered samples at these wells. Total PCB concentrations ranged from 0.00007 ppm (at well GMA1-13) to 0.0023 ppm (at well LS-29) in the unfiltered samples and from 0.000071 ppm (at well GMA1-13) to 0.00056 ppm (at well LS-29) in the filtered samples.

#### 3.2.4 PCDD/PCDF Results

Groundwater samples from two monitoring wells were analyzed for PCDDs/PCDFs during the fall 2003 sampling event. The analytical results are summarized in Appendix C. One or more individual PCDD/PCDF compounds were detected in each of the groundwater samples. In addition, total Toxicity Equivalency Quotients (TEQs) were calculated for the PCDD/PCDF compounds using the Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO). In calculating those TEQs, the concentrations of individual PCDD/PCDF compounds that were not detected were represented as one-half of the analytical detection limit for those compounds. Total TEQ concentrations ranged from 3.3 x 10<sup>-9</sup> to 5.1 x 10<sup>-9</sup> ppm.

#### 3.2.5 Inorganic Constituent Results

Unfiltered and filtered groundwater samples from two monitoring wells were analyzed for inorganic constituents during the fall 2003 sampling event. Also, 12 additional groundwater samples were analyzed for mercury only. The analytical results for these samples are summarized in Appendix C. Each of the two sampling locations analyzed for the full inorganic analyte list contained inorganic constituents in both the unfiltered and filtered samples. Up to nine individual inorganic constituents were observed in one or more of the unfiltered samples, while six inorganic constituents were detected in at least one filtered sample. Barium was the only inorganic observed in every unfiltered and filtered sample.

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### 4. Assessment of Results

#### 4.1 General

This report constitutes the first interim monitoring report and is the fifth groundwater quality monitoring report submitted since commencement of the GMA 1 baseline groundwater monitoring program. The information presented herein is based on the laboratory results obtained during the fall 2003 groundwater sampling event, supplemented with historical groundwater analytical data when available.

#### 4.2 Groundwater Quality Performance Standards

The Performance Standards applicable to response actions for groundwater at GMA 1 are set forth in Section 2.7 and Attachment H (Section 4.1) of the SOW. In general, the Performance Standards for groundwater quality are based on the groundwater classification categories designated in the MCP. The MCP identifies three potential groundwater categories that may be applicable to a given site. One of these, GW-1 groundwater, applies to groundwater that is a current or potential source of potable drinking water. None of the groundwater at any of the GMAs at the Site is classified as GW-1. However, the remaining MCP groundwater categories are applicable to GMA 1 and are described below:

- GW-2 groundwater is defined as groundwater that is a potential source of vapors to the indoor air of buildings. Groundwater is classified as GW-2 if it is located within 30 feet of an existing occupied building and has an average annual depth to groundwater of 15 feet or less. Under the MCP, volatile constituents present within GW-2 groundwater represent a potential source of organic vapors to the indoor air of the overlying occupied structures.
- GW-3 groundwater is defined as groundwater that discharges to surface water. By MCP definition, all groundwater at a site is classified as GW-3 since it is considered to be ultimately discharged to surface water. It should be noted that some groundwater within GMA 1 does not in fact discharge directly to surface water because of the operation of numerous groundwater pumping systems. Water extracted from these systems is transferred to an on-site treatment plant for processing prior to discharge. Nevertheless, in accordance with the CD and SOW, all groundwater at GMA 1 is considered as GW-3.

The CD and the SOW allow for the establishment of standards for GW-2 and GW-3 groundwater at the GMAs through use of one of three methods, as generally described in the MCP. The first, known as Method 1, consists of the application of pre-established numerical "Method 1" standards set forth in the MCP for both GW-2 and GW-3 groundwater (310 CMR 40.0974). These "default" standards have been developed to be conservative and will serve as the initial basis for evaluating groundwater at GMA 1. The current MCP Method 1 GW-2 and GW-3 standards for the constituents detected in the fall 2003 sampling event are listed in Tables 3 and 4, respectively. (In the event of any discrepancy between the standards listed in these tables and those published in the MCP, the latter will be controlling.) For constituents for which Method 1 standards do not exist, the MCP provides procedures, known as Method 2, for developing such standards (Method 2 standards) for both GW-2 (310 CMR 40.0983(2)) and GW-3 (310 CMR 40.0983(4)) groundwater. For such constituents that are detected in groundwater during the baseline monitoring program, Attachment H to the SOW states that in the Baseline Monitoring Program Final Report, GE must propose to develop Method 2 standards using the MCP procedures or alternate procedures approved by EPA, or provide a rationale for why such standards need not be developed. For constituents whose concentrations exceed the applicable Method 1 (or Method 2) standards, GE may develop and propose to EPA alternative GW-2 and/or GW-3 standards based on a site-specific risk assessment. This procedure is known as Method 3 in the MCP. Upon EPA approval, these alternative risk-based GW-2 and/or GW-3 standards may be used in lieu of the Method 1 (or Method 2) standards. Of course, whichever method is used to establish such groundwater standards, GW-2 standards will be applied to GW-2 groundwater and GW-3 standards will be applied to GW-3 groundwater.

Based on consideration of the above points, the specific groundwater quality Performance Standards for GMA 1 consist of the following:

- 1. At monitoring wells designated as compliance points to assess GW-2 groundwater (i.e., groundwater located at an average depth of 15 feet or less from the ground surface and within 30 feet of an existing occupied building), groundwater quality shall achieve any of the following:
  - (a) the Method 1 GW-2 groundwater standards set forth in the MCP (or, for constituents for which no such standards exist, Method 2 GW-2 standards once developed, unless GE provides and EPA approves a rationale for not developing such Method 2 standards);

- (b) alternative risk-based GW-2 standards developed by GE and approved by EPA as protective against unacceptable risks due to volatilization and transport of volatile chemicals from groundwater to the indoor air of nearby occupied buildings; or
- (c) a condition, based on a demonstration approved by EPA, in which constituents in the groundwater do not pose an unacceptable risk to occupants of nearby occupied buildings via volatilization and transport to the indoor air of such buildings.
- 2. Groundwater quality shall ultimately achieve the following standards at the perimeter monitoring wells designated as compliance points for GW-3 standards:
  - (a) the Method 1 GW-3 groundwater standards set forth in the MCP (or, for constituents for which no such standards exist, Method 2 GW-3 standards once developed, unless GE provides and EPA approves a rationale for not developing such Method 2 standards); or
  - (b) alternative risk-based GW-3 standards proposed by GE and approved by EPA as protective against unacceptable risks in surface water due to potential migration of constituents in groundwater.

These Performance Standards are to be applied to the results of the individual monitoring wells included in the monitoring program. Several monitoring wells have been designated as the compliance points for attainment of the Performance Standards identified above. These wells were initially identified in the GMA 1 Baseline Monitoring Proposal (although certain modifications were made subsequent to submittal of that proposal as a result of EPA approval conditions, findings during field reconnaissance of the selected wells, or replacement of certain wells during the course of the baseline monitoring program). As described above and in Sections 4.3.1 (for GW-2 wells) and 4.3.2 (for GW-3 wells), only selected wells were sampled in fall 2003.

#### 4.3 Groundwater Quality – Fall 2003

For the purpose of generally assessing current groundwater quality conditions, the analytical results from the fall 2003 groundwater sampling event were compared to the applicable groundwater Performance Standards for GMA 1. These Performance Standards are described in Section 4.2 above, and are currently based (on a well-specific basis) on the MCP Method 1 GW-2 and/or GW-3 standards. The following subsections discuss the fall 2003 groundwater analytical results in relation to these Performance Standards, as well as in relation to the MCP

UCLs for groundwater. In support of those discussions, Tables 3 and 4 provide a comparison of the concentrations of detected constituents with the currently applicable GW-2 and GW-3 standards, respectively, while Table 5 presents a comparison of the concentrations of detected constituents with the groundwater UCLs.

#### 4.3.1 Fall 2003 Groundwater Results Relative to GW-2 Performance Standards

As part of the fall 2003 program, groundwater samples were collected from three of the four wells designated as GW-2 wells that were sampled less than four times during the baseline monitoring program. Specifically, wells A7, GMA1-4 and MW-3R were sampled, while no samples were obtained from well GMA1-2, as it was dry. The fall 2003 groundwater analytical results for all detected constituents subject to MCP Method 1 GW-2 standards and a comparison of those results with the applicable MCP Method 1 GW-2 standards are presented in Table 3. As shown in Table 3, none of the fall 2003 sample concentrations from the GW-2 monitoring wells was above the corresponding GW-2 Performance Standard. In addition, none of the GW-2 wells exhibited total VOC concentrations above 5 ppm (the level specified in the SOW as a notification level for GW-2 wells located within 30 feet of a school or occupied residential structure and as a trigger level for the proposal of interim response actions). These results are consistent with the results from prior baseline sampling events, where available.

#### 4.3.2 Fall 2003 Groundwater Results Relative to GW-3 Performance Standards

Groundwater samples were collected from each of the two wells (i.e., wells GMA1-13 and LS-29) designated as GW-3 wells that were sampled less than four times during the baseline monitoring program. Twelve additional GW-3 wells were also sampled and analyzed for mercury only. The fall 2003 groundwater analytical results for all constituents detected in the GW-3 monitoring wells and a comparison of those results with the applicable MCP Method 1 GW-3 standards are presented in Table 4. Although that table provides a comparison of the fall 2003 analytical results from all 14 GW-3 monitoring wells that were sampled in fall 2003, only 11 of those wells (i.e., the downgradient GW-3 perimeter wells as identified in Table 1) have been designated as compliance points for the GW-3 standards. The two wells that were sampled and analyzed for the entire GW-3 analyte list are both designated as GW-3 General/Source Area Sentinel wells and are not considered compliance points for the GW-3 standards.

In making comparisons to the Method 1 GW-3 standards for PCBs and inorganics, GE has used the results from the filtered samples. EPA has previously agreed to this approach in a letter to GE dated January 2, 2002

(relating to groundwater monitoring for GE's On-Plant Consolidation Areas). Accordingly, the unfiltered sample results were only utilized for comparison to the MCP UCLs (discussed in Section 4.3.3 below).

The comparisons set forth in Table 4 show that one constituent, filtered PCBs, was found at a level above the MCP Method 1 GW-3 standard of 0.0003 ppm, and this was found in the single groundwater sample collected from well LS-29 in fall 2003. Filtered PCB concentrations in excess of the MCP Method 1 GW-3 standard were previously detected in this well. No other constituents were detected at concentrations above their respective MCP Method 1 GW-3 standards in fall 2003. Graphs showing the historical concentrations of total VOCs and PCBs at all wells analyzed for these constituents in fall 2003, along with the concentrations of other constituents analyzed in fall 2003 at locations where the MCP Method 1 GW-3 standards were previously exceeded, are included in Appendix D.

The SOW requires that for sampling results which exceed the Method 1 GW-3 standards at downgradient perimeter monitoring wells in which (a) such an exceedance had not previously been detected, or (b) there was a previous exceedance of the Method 1 GW-3 standard and the groundwater concentration is greater than or equal to 100 times the GW-3 standard (if the exceedance was not previously addressed), GE must propose interim response actions (SOW Att. H, p. 24). These interim response actions may include: (1) further assessment activities, such as resampling, increasing the sampling frequency to quarterly, additional well installation, and/or continuing the baseline monitoring program; (2) active response actions; and/or (3) the conduct of a site-specific risk evaluation and proposal of alternative risk-based GW-3 Performance Standards (SOW Att. H, p. 24). GE's proposed response to address the GW-3 exceedance at well LS-29 (i.e., addition of this well to the interim groundwater quality monitoring program) is discussed in Section 5.

#### 4.3.3 Fall 2003 Comparison to Upper Concentration Limits

In addition to comparing the fall 2003 groundwater analytical results with applicable MCP Method 1 GW-2 and MCP Method 1 GW-3 standards, the analytical results from all 17 wells that were sampled have also been compared with the groundwater UCLs specified in the MCP (310 CMR 40.0996(7)). These comparisons, which include filtered and unfiltered data, are presented in Table 5 and summarized below. No constituents were found at levels above their corresponding UCLs in any of the samples collected in fall 2003.

#### 4.4 Overall Assessment of Groundwater Analytical Results

Graphs illustrating historical total VOC concentrations and filtered/unfiltered PCB concentrations for all wells sampled in fall 2003 that have been previously sampled and analyzed for those constituents are presented in Appendix D. In addition, Appendix D contains graphs of historical concentrations of individual constituents that exceeded the applicable MCP Method 1 GW-3 standards or UCLs at monitoring wells during any of the four baseline monitoring program sampling events (no exceedances of the MCP Method 1 GW-2 standards have been documented at the GW-2 monitoring wells, and therefore no graphs have been prepared based on GW-2 sampling data) that were analyzed for those constituents in fall 2003.

The fall 2003 monitoring event constitutes the fourth sampling event for four of the wells (95-9/GMA1-13, A7, LS-29, and MW-3/MW-3R) that were sampled. In addition, 12 wells were sampled and analyzed for mercury to obtain a fourth set of mercury data in addition to the suspect results from fall 2002. Therefore, GE has evaluated the baseline data from these locations to determine whether additional sampling is warranted at any of these locations. The following subsections discuss the overall baseline groundwater quality data set for these wells with respect to the applicable GW-2 and GW-3 Performance Standards.

#### 4.4.1 Overall Groundwater Results Relative to GW-2 Performance Standards

The GMA 1 baseline groundwater monitoring results for wells A7 and MW-3/MW-3R up to the present time, including the fall 2003 groundwater analytical data, indicate no significant potential for groundwater-related impacts to the occupied buildings in the vicinity of these wells. All detected constituents in the MW-3/MW-3R groundwater samples were at levels well below the respective Method 1 GW-2 standards and none of those samples contained total VOC levels above 5 ppm (no GW-2 constituents were detected in well A7 during the baseline monitoring program).

#### 4.4.2 Overall Groundwater Results Relative to GW-3 Performance Standards

The GMA 1 baseline groundwater monitoring results for wells 95-9/GMA1-13 and LS-29 up to the present time, including the fall 2003 groundwater analytical data, show that only one constituent (PCBs) was detected at levels above the MCP Method 1 GW-3 standard during the baseline monitoring period.

No other constituents were detected in samples from wells 95-9/GMA1-13 or LS-29 at concentrations near or above their respective MCP Method 1 GW-3 standards during the baseline monitoring program.

At wells 95-9/GMA1-13 and LS-29, the only constituent detected at a level above the MCP Method 1 GW-3 standard during the baseline monitoring program was PCBs; specifically in the filtered samples from well 95-9 in fall 2001 and from well LS-29 in fall 2001 and fall 2003. On average, PCB concentrations were slightly below the GW-3 standard of 0.0003 ppm at these two wells during the baseline monitoring program. Additional sampling and analysis for PCBs during the interim monitoring program is proposed in Section 5 to determine whether long-term monitoring will be necessary.

Finally, as discussed above, mercury was detected in 37 groundwater samples in a single sampling event (fall 2002), including 13 wells where mercury levels were above the MCP Method 1 GW-3 standard of 0.001 ppm for mercury. These mercury results have not been replicated in any of the other baseline monitoring rounds (including the samples from the spring 2003 sampling event sent to two different laboratories for analysis). Mercury had not been detected in any of those wells during any prior or subsequent baseline monitoring events (with the exception of a split sample collected from well ES1-5 in spring 2003, where an estimated mercury concentration at the analytical detection limit was recorded in the filtered sample). All of the mercury samples for fall 2003 were non-detect. Therefore, the occurrence of mercury at several locations in fall 2002, which included both upgradient and downgradient wells spread across several RAAs, was considered anomalous and GE proposes to reject the mercury data that showed concentration above the GW-3 standard in fall 2002 and to replace it with the fall 2003 results to complete the baseline data set at the 12 locations that were sampled. Mercury levels were also above the MCP Method 1 GW-3 standard at well MW-4 in fall 2002. That well has been replaced by well MW-4R, which will be sampled during the interim monitoring program for all GW-3 parameters, including mercury, beginning in spring 2004, as specified in EPA's September 23, 2003 conditional approval letter. As such, this well was not sampled in fall 2003 and GE proposes to further evaluate, and perhaps propose to replace, the anomalous fall 2002 data at this location with the results to be obtained during the interim monitoring period.

## 5. Proposed Monitoring Program Modifications

#### 5.1 General

In the Spring 2003 GMA 1 Groundwater Quality Report, GE proposed an interim groundwater monitoring program to be conducted until completion of the soil-related Removal Actions at the RAAs that comprise GMA 1. Aside from completing a total of four baseline sampling events at certain locations that could not be sampled during every round of the initial two-year baseline monitoring program, the interim monitoring program was designed to obtain additional data from locations where it is not yet clear whether the initial baseline groundwater quality results indicate that the well may require future monitoring in a long-term monitoring program. To identify this subset of monitoring wells, GE evaluated the average constituent concentrations observed in the historical data set at each well at which four baseline sampling events had been completed. Specifically, wells where the average concentration of a given constituent are below, but greater than 50% of the MCP GW-3 Standard for that constituent, were considered for interim monitoring. None of the GW-2 monitoring wells contained constituents greater than 50% of the respective MCP GW-2 Standards; therefore, no additional monitoring was proposed based solely on GW-2 compliance. The components of the interim monitoring program were conditionally approved by EPA, as modified, in a letter dated September 23, 2003.

This section contains a description of GE's proposed modifications to the previously-approved interim groundwater monitoring program, taking into account the results of the fall 2003 groundwater sampling event, which included collection of the fourth baseline sample sets from four monitoring locations.

#### 5.2 Proposed Modification to Interim Groundwater Quality Monitoring Program

GE's proposal for continued groundwater quality monitoring and for modifications to the interim program for each well that was sampled for the fourth time in fall 2003 is described below. The rationale for the inclusion or exclusion of each well in the interim baseline groundwater quality monitoring program is provided. A breakdown of the interim sampling program, including the modifications based on the comments from EPA's September 23, 2003 conditional approval letter and GE's proposed modifications based on the fall 2003 sampling, is provided in Table 6. Locations of the wells to be included in the program are shown on Figure 2.

GW-2 sentinel well A7 was found to be dry during the fall 2002 baseline sampling event and was not sampled. As a result, only three sample sets were collected from this location at the conclusion of the fourth baseline sampling event in spring 2003. GE collected a fourth baseline sample set from this well in fall 2003 for analysis of VOCs and five select SVOCs (1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2,4-trichlorobenzene, and naphthalene). Upon review of those analytical results, GE proposes to discontinue groundwater quality monitoring at this location as none of the analyzed constituents was detected at this well during any of the baseline monitoring events.

GW-2 sentinel well MW-3 was found to be damaged in spring 2002 and was not sampled. Subsequently, GE replaced well MW-3 with well LS-MW-3R and utilized the replacement well for the remaining sampling events. As a result, only three sample sets were collected from this location at the conclusion of the fourth baseline sampling event in spring 2003. GE collected a fourth baseline sample set from this well in fall 2003 for analysis of VOCs and five select SVOCs (1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2,4-trichlorobenzene, and naphthalene). GE proposes to discontinue groundwater quality monitoring at this location as none of the analyzed constituents was detected at levels near or above the applicable MCP Method 1 GW-2 standards at this well during the baseline monitoring events.

General/source area sentinel well 95-9 was utilized for baseline monitoring in fall 2001 and spring 2002, but was found to be damaged and a groundwater sample could not be collected in fall 2002. GE installed well GMA1-13 as a replacement for well 95-9 and utilized it in spring and fall 2003 to complete four baseline monitoring program sampling events at this location. Upon review of those analytical results, GE proposes to add this well to the interim groundwater quality monitoring program for filtered PCB analysis. Interim sampling for PCBs (filtered samples only) is proposed at well GMA1-13 as the average PCB concentrations for this well combined with prior data from well 95-9 were near, although slightly below the MCP Method 1 GW-3 standard, and additional data are necessary to determine if long-term monitoring is warranted.

General/source area sentinel well LS-29 was found to be damaged and a groundwater sample could not be collected in fall 2002. GE repaired the well and utilized it in spring and fall 2003 to complete four baseline monitoring program sampling events at this location. Upon review of those analytical results, GE proposes to add this well to the interim groundwater quality monitoring program for filtered PCB analysis. Interim sampling for PCBs (filtered samples only) is proposed at well LS-29 as the average PCB concentrations at this well were near, although slightly below the MCP Method 1 GW-3 standard, and additional data are necessary to determine if long-term monitoring is warranted.

No interim sampling is proposed to further assess the presence of mercury at the 12 wells that were only analyzed for mercury in fall 2003, because all data collected, aside from the fall 2002 results and one split sample, has been non-detect. As discussed in Section 4.4.2, the occurrence of mercury in several samples in fall 2002 is considered anomalous and GE proposes to reject the mercury data that showed concentration above the GW-3 standard in fall 2002 and to replace it with the fall 2003 results to complete the baseline data set at the 12 locations that were sampled. In addition, replacement well MW-4R will be sampled and analyzed for mercury during the interim monitoring program beginning in spring 2004 and GE proposes to further evaluate, and perhaps propose to delete, the anomalous fall 2002 data at well MW-4 and supplement the baseline data set with the results to be obtained from the replacement well during the interim monitoring period.

6. Schedule of Future Activities

6.1 General

This section addresses the schedule for future groundwater quality monitoring activities and reporting for GMA

1. This schedule assumes that the modifications to the interim groundwater quality monitoring program

proposed in Section 5 will be implemented. Specifically, this section provides a schedule for the upcoming

spring 2004 interim monitoring event and associated reporting activities.

6.2 Field Activities Schedule

GE proposes to continue its routine groundwater elevation and NAPL monitoring activities according to the

schedule approved by EPA under GE's NAPL monitoring program. All future groundwater elevation

monitoring and reporting will be conducted under the NAPL monitoring program.

GE anticipates that the spring 2004 annual interim sampling event will take place in April 2004. The

20monitoring wells previously approved and the two additional wells proposed (pending EPA approval) for

annual sampling in the interim groundwater monitoring program will be sampled for the analytes listed in Table

6. In addition, the two wells that still do not have four complete baseline monitoring data sets (wells GMA1-2

and GMA1-4) will be sampled for the GW-2 analytical parameter list that was previously approved for baseline

monitoring and replacement well MW-4R will be sampled for the GW-3 analytical parameter list (excluding

pesticides/herbicides and unfiltered samples for PCBs and inorganics).

Approximately two to three months prior to that sampling event, GE will conduct an inspection of all wells to be

sampled and will purge well ESA1S-33 with a bladder pump to ascertain whether the well can produce low

turbidity samples. If any of the wells is found to be unusable, GE will either repair the well or install a

replacement well, as appropriate. Prior to performing the bladder pump assessment at well ESA1S-33, GE and

EPA will identify the location of a potential replacement well in the event that well ESA1S-33 is found to be

unusable.

Prior to performance of these activities, GE will provide EPA with 7 days advance notice to allow the

assignment of field oversight personnel.

BLASLAND, BOUCK & LEE, INC.

#### 6.3 Reporting Schedule

GE will provide the results of ongoing water level measurements, and preliminary groundwater analytical data in its monthly reports on overall activities at the GE-Pittsfield/Housatonic River Site.

GE will submit the Spring 2004 Interim Groundwater Quality Report for GMA 1 by July 31, 2004, in accordance with the reporting schedule approved by EPA. That report will present the final, validated spring 2004 interim sampling results and a brief discussion of the results, including proposals to further modify the interim monitoring program, if necessary.

Subsequent annual Interim Groundwater Quality Reports for GMA 1 will be submitted by January 31 where sampling activities were performed in the prior fall) or by July 31 where sampling activities were performed in the prior spring.

## **Tables**



## TABLE 1 FALL 2003 GROUNDWATER QUALITY MONITORING PROGRAM

## GROUNDWATER MANAGEMENT AREA 1 GROUNDWATER QUALITY INTERIM REPORT FOR FALL 2003 GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Well Number	Monitoring Well Usage	Fall 2003 Analyses	ses Comments		
RAA 1 - 40s COMPL	EX				
No groundwat	ter quality monitoring was performed	in this RAA in fall 2003	3.		
RAA 2 - 30s COMPL	EX				
GMA1-2	GW-2 Sentinel	VOC (+5 SVOC)	Well was dry in fall 2003 and unable to be sampled. Additional baseline samples had been scheduled for collection due to lack of water during prior sampling events.		
RAA 3 - 20s COMPL	EX				
No groundwat	ter quality monitoring was performed	in this RAA in fall 2003	3.		
RAA 4 - EAST STRE	ET AREA 2-SOUTH				
GMA1-13	GW-3 General/Source Area Sentinel	APP. IX, excl. pest/herb	Replacement for well 95-9. The fourth baseline sample set (between the two wells) was collected in fall 2003.		
HR-G1-MW-3	GW-3 Perimeter (Downgradient)	Hg	Mercury concentrations above GW-3 standard in Fall 2002; one additional sample for mercury was collected.		
HR-G3-MW-1	GW-3 Perimeter (Downgradient)	Hg	Mercury concentrations above GW-3 standard in Fall 2002; one additional sample for mercury was collected.		
RAA 5 - EAST STRE	ET AREA 2-NORTH				
A7	GW-2 Sentinel	VOC(+5 SVOC)	The fourth baseline sample set from this well was collected in fall 2003.		
ES1-05	GW-3 Perimeter (Downgradient)	Hg	Mercury concentrations above GW-3 standard in Fall 2002; one additional sample for mercury was collected.		
GMA1-4	GW-2 Sentinel	VOC(+5 SVOC)	The second baseline sample set from this well was collected in fall 2003. Additional baseline samples scheduled for collection due to lack of water during prior sampling events.		
RAA 6 - EAST STRE	ET AREA 1-NORTH				
No groundwat	er quality monitoring was performed	in this RAA in fall 2003	3.		
RAA 12 - LYMAN ST	REET AREA				
B-2	GW-3 Perimeter (Downgradient)	Hg	Mercury concentrations above GW-3 standard in Fall 2002; one additional sample for mercury was collected.		
E-7	GW-3 Perimeter (Upgradient)	Hg	Mercury concentrations above GW-3 standard in Fall 2002; one additional sample for mercury was collected.		
LS-29	GW-3 General/Source Area Sentinel	APP. IX, excl. pest/herb	The fourth baseline sample set from this well was collected in fall 2003.		
MW-3R	GW-2 Sentinel	VOC (+5 SVOC)	The fourth baseline sample set from this well was collected in fall 2003.		
MW-6R	GW-3 Perimeter (Upgradient)	Hg	Mercury concentrations above GW-3 standard in Fall 2002; one additional sample for mercury was collected.		

## TABLE 1 FALL 2003 GROUNDWATER QUALITY MONITORING PROGRAM

## GROUNDWATER MANAGEMENT AREA 1 GROUNDWATER QUALITY INTERIM REPORT FOR FALL 2003 GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Well Number	Monitoring Well Usage	Fall 2003 Analyses	Comments
RAA 13 - NEWELL S	STREET AREA II		
GMA1-9	GW-3 Perimeter (Downgradient)	Hg	Mercury concentrations above GW-3 standard in Fall 2002; one additional sample for mercury was collected.
N2SC-07S	GW-3 Perimeter (Downgradient)	Hg	Mercury concentrations above GW-3 standard in Fall 2002; one additional sample for mercury was collected.
NS-09	GW-3 Perimeter (Downgradient)	Hg	Mercury concentrations above GW-3 standard in Fall 2002; one additional sample for mercury was collected.
NS-17	GW-3 Perimeter (Downgradient)	Hg	Mercury concentrations above GW-3 standard in Fall 2002; one additional sample for mercury was collected.
NS-20	GW-3 Perimeter (Upgradient)	Hg	Mercury concentrations above GW-3 standard in Fall 2002; one additional sample for mercury was collected.
NS-37	GW-3 Perimeter (Downgradient)	Hg	Mercury concentrations above GW-3 standard in Fall 2002; one additional sample for mercury was collected.
RAA 14 - NEWELL S	STREET AREA I		
No groundwat	ter quality monitoring was performed	in this RAA in fall 2003	3.
RAA 18 - EAST STR	REET AREA 1 SOUTH		
No groundwat	ter quality monitoring was performed	in this RAA in fall 2003	).

#### NOTES:

- 1. Six wells (i.e., A7, GMA1-2, GMA1-4, GMA1-13, LS-29, and MW-3R) were sampled because less than four rounds of data were previously collected during the baseline monitoring program. The fourth sample set was collected at the following wells in fall 2003: A7, GMA1-13, LS-29, and MW-3R. The other two wells (i.e., GMA1-2 and GMA1-4) will continue to be sampled on a semi-annual basis until the fourth data set is collected. Additional sampling for select constituents is also proposed at wells GMA1-13 and LS-29 during the interim groundwater quality monitoring program.
- 2. Wells that were sampled for mercury analysis only in fall 2003 are proposed to be removed from the interim groundwater quality monitoring program, except where analyses for other constituents will be conducted, as previously proposed by GE and approved by EPA.

## TABLE 2 FIELD PARAMETER MEASUREMENTS - FALL 2003

## GROUNDWATER MANAGEMENT AREA 1 GROUNDWATER QUALITY INTERIM REPORT FOR FALL 2003 GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

WELL NUMBER	TURBIDITY (NTU)	TEMPERATURE (Degrees Celsius)	pH (Standard Units)	SPECIFIC CONDUCTIVITY (mS/cm)	OXIDATION- REDUCTION POTENTIAL (mV)	DISSOLVED OXYGEN (mg/L)
RAA 2 - 30s COMPI	LEX					
GMA1-2	10.0	18.18	6.11	0.919	165.0	6.25
RAA 4 - EAST STRI	EET AREA 2-SOUT	Н				
GMA1-13	1.0	11.61	7.00	1.300	3.1	5.49
HR-G1-MW-3	5.0	13.72	6.92	0.708	-68.5	3.28
HR-G3-MW-1	2.0	14.12	6.77	2.147	-32.2	1.67
RAA 5 - EAST STRI	EET AREA 2-NORT	Н				
A7	9.0	17.03	7.51	13.880	51.1	1.47
ES1-05	2.0	17.50	6.72	1.905	-58.7	0.22
GMA1-4	1.0	15.87	7.56	1.244	100.5	9.45
RAA 12 - LYMAN S	TREET AREA					
B-2	20.0	14.18	6.64	1.326	-119.4	0.25
E-7	0.0	14.79	6.81	0.822	69.4	2.55
LS-29	14.0	12.57	7.45	1.108	-13.1	8.35
MW-3R	4.0	15.64	6.65	3.210	-111.1	0.50
MW-6R	5.0	18.70	6.86	3.020	-138.7	0.90
RAA 13 - NEWELL	STREET AREA II					
GMA1-9	8.0	12.30	6.81	0.671	-67.0	0.31
N2SC-07S	2.0	12.47	6.87	1.419	-94.0	0.31
NS-09	1.0	13.53	6.66	0.967	41.6	0.26
NS-17	2.0	12.63	6.79	1.473	-79.4	0.41
NS-20	8.0	13.95	6.23	0.389	127.5	0.20
NS-37	29.0	14.59	6.49	1.290	91.1	0.46

#### Notes:

- 1. Measurements collected during fall 2003 groundwater sampling event performed between October 9 and 17, 2003.
- 2. Well parameters were generally monitored continuously during purging by low-flow techniques. Final parameter readings are presented.
- 3. NTU Nephelometric Turbidity Units
- 4. mS/cm Millisiemens per centimeter
- 5. mV Millivolts
- 6. mg/L Milligrams per liter (ppm)

## TABLE 3 COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-2 STANDARDS

## GROUNDWATER QUALITY INTERIM REPORT FOR FALL 2003 GROUNDWATER MANAGEMENT AREA 1 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Site ID:			East St. Ar	ea 2 - North	Lyman Street Area
	Sample ID:	Method 1 GW-2	A-7	GMA1-4	LS-MW-3R
Parameter	Date Collected:	Standards	10/09/03	10/09/03	10/13/03
Volatile Organics					
Benzene		2	ND(0.0050)	ND(0.0050)	0.0034 J [0.00064 J]
Bromodichloromethane		Not Listed	ND(0.0050)	0.00089 J	ND(0.0050) [ND(0.0050)]
Chloroform		0.4	ND(0.0050)	0.0089	ND(0.0050) [ND(0.0050)]
Toluene		6	ND(0.0050)	ND(0.0050)	0.00091 J [ND(0.0050)]
Xylenes (total)		6	ND(0.010)	ND(0.010)	0.0040 J [0.00061 J]
Total VOCs		5	ND(0.20)	0.0098 J	0.019 J [0.0033 J]
Semivolatile Organ	nics				
Naphthalene		6	ND(0.0050)	ND(0.0050)	0.011 J [0.0020 J]

#### Notes

- Samples were collected by Blasland Bouck & Lee, Inc., and were submitted to CT&E Environmental Services, Inc. for analysis of PCBs and Appendix IX+3 constituents.
- 2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan, General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved November 4, 2002 and resubmitted December 10, 2002).
- 3. Only volatile and semivolatile analysis is presented for the MCP Method 1 GW-2 Standards Comparison.
- 4. ND Analyte was not detected. The number in parentheses is the associated detection limit.
- 5. Field duplicate sample results are presented in brackets.
- 6. Only volatile and semivolatile constituents detected in at least one sample are summarized.

#### **Data Qualifiers:**

#### Organics (volatiles and semivolatiles)

J - Indicates that the associated numerical value is an estimated concentration.

### TABLE 4A COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-3 STANDARDS

# GROUNDWATER QUALITY INTERIM REPORT FOR FALL 2003 GROUNDWATER MANAGEMENT AREA 1 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in parts per million, ppm)

	Site ID:		East St. Area 2 - South	Lyman Street Area
_ ,	Sample ID:	Method 1 GW-3	GMA1-13	LS-29
	Date Collected:	Standards	10/15/03	10/13/03
Volatile Organics		40	ND(0.0050)	0.00004.1
Chloroform		10	ND(0.0050)	0.00094 J
Tetrachloroethene		5	ND(0.0020)	0.0034
PCBs-Unfiltered		<b></b>	0.00070	0.000
Aroclor-1254		Not Applicable	0.000070	0.0023
Total PCBs		Not Applicable	0.000070	0.0023
PCBs-Filtered		NI-CI S-CI	0.000074	0.00050
Aroclor-1254		Not Listed	0.000071 0.000071	0.00056 0.00056
Total PCBs		0.0003	0.000071	0.00056
Semivolatile Organic	S			
None Detected				
Furans	1		117 (2.22.22.24.1)	117 (2.22222222
2,3,7,8-TCDF		Not Listed	ND(0.000000011)	ND(0.0000000019)
TCDFs (total)		Not Listed	ND(0.0000000011)	ND(0.0000000019)
1,2,3,7,8-PeCDF		Not Listed	ND(0.00000000082) X	ND(0.0000000014) X
2,3,4,7,8-PeCDF		Not Listed	ND(0.00000000070)	ND(0.0000000038) X 0.000000062
PeCDFs (total) 1,2,3,4,7,8-HxCDF		Not Listed Not Listed	ND(0.00000000070) ND(0.0000000025)	0.000000062 0.000000064 J
1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF		Not Listed	ND(0.000000025)	ND(0.0000000029) X
1,2,3,6,7,6-HXCDF 1,2,3,7,8,9-HxCDF		Not Listed Not Listed	ND(0.0000000025)	ND(0.0000000029) X ND(0.00000000021) X
2,3,4,6,7,8-HxCDF		Not Listed	ND(0.000000025)	0.0000000021) X
HxCDFs (total)		Not Listed	ND(0.0000000025)	0.0000000223
1,2,3,4,6,7,8-HpCDF		Not Listed	ND(0.000000025)	ND(0.000000017
1,2,3,4,7,8,9-HpCDF		Not Listed	ND(0.0000000025)	ND(0.0000000020)
HpCDFs (total)		Not Listed	ND(0.0000000025)	0.00000000033)
OCDF		Not Listed	ND(0.000000050)	ND(0.000000011)
Dioxins		110t Liotou	112(0.000000000)	115(0.00000011)
2,3,7,8-TCDD	I	0.00000003	ND(0.000000018)	ND(0.000000018)
TCDDs (total)		Not Listed	ND(0.000000033)	ND(0.000000001)
1,2,3,7,8-PeCDD		Not Listed	ND(0.0000000025)	ND(0.0000000025)
PeCDDs (total)		Not Listed	0.0000000092	ND(0.0000000025)
1,2,3,4,7,8-HxCDD		Not Listed	ND(0.0000000025)	ND(0.0000000050)
1,2,3,6,7,8-HxCDD		Not Listed	ND(0.0000000025)	ND(0.0000000044)
1,2,3,7,8,9-HxCDD		Not Listed	ND(0.0000000025)	ND(0.0000000050)
HxCDDs (total)		Not Listed	ND(0.0000000025)	ND(0.0000000048)
1,2,3,4,6,7,8-HpCDD		Not Listed	0.000000018 J	ND(0.000000054)
HpCDDs (total)		Not Listed	ND(0.000000018)	ND(0.000000054)
OCDD		Not Listed	ND(0.00000012) X	0.00000011 J
Total TEQs (WHO TER		0.0000001	0.000000033	0.000000051
Inorganics-Unfiltered				
Antimony		Not Applicable	0.0120 B	ND(0.0600)
Barium		Not Applicable	0.00880 B	0.00730 B
Beryllium		Not Applicable	0.00110	ND(0.20)
Cadmium	-	Not Applicable	0.00130 B	ND(0.00500)
Chromium		Not Applicable	ND(0.0100)	ND(0.0100)
Lead		Not Applicable	ND(0.00300)	0.00250 J
Selenium		Not Applicable	0.00910	ND(0.00500) J
Zinc		Not Applicable	0.00580 B	ND(0.0200) J
norganics-Filtered		<u> </u>		
Antimony		0.3	ND(0.0600)	ND(0.0600)
Barium		30	0.00880 B	0.00700 B
Beryllium		0.05	ND(0.0010)	ND(0.00100)
Cadmium		0.01	ND(0.00500)	ND(0.00500)
Chromium		2	0.00140 B	ND(0.0100)
Lead		0.03	ND(0.00300)	ND(0.00300) J
Selenium		0.08	ND(0.00500)	ND(0.00500) J
Zinc		0.9	ND(0.020)	ND(0.020)

### TABLE 4A COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-3 STANDARDS

# GROUNDWATER QUALITY INTERIM REPORT FOR FALL 2003 GROUNDWATER MANAGEMENT AREA 1 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in parts per million, ppm)

#### Notes:

- 1. Samples were collected by Blasland Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of PCBs and Appendix IX+3 constituents.
- Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan, General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved November 4, 2002 and resubmitted December 10, 2002).
- 3. ND Analyte was not detected. The number in parentheses is the associated detection limit.
- 4. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health
- 5. Organization (WHO) and published by Van den Berg et al. In Environmental Health Perspectives 106(2), December 1998. Field duplicate sample results are presented in brackets.
- 6. With the exception of dioxin/furans, only those constituents detected in one or more samples are summarized.
- 7. Shading indicates that value exceeds GW-3 Standards.
- 8. -- Indicates that all constituents for the parameter group were not detected.

#### Data Qualifiers:

#### Organics (volatiles, PCBs, semivolatiles, dioxin/furans)

- J Indicates that the associated numerical value is an estimated concentration.
- X Estimated maximum possible concentration.

#### Inorganics

- B Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).
- J Indicates that the associated numerical value is an estimated concentration.

### TABLE 4B COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-3 STANDARDS

#### GROUNDWATER QUALITY INTERIM REPORT FOR FALL 2003 GROUNDWATER MANAGEMENT AREA 1 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Site ID:		East St. Area 2 - North	East St. Area 2 - South		Lyman Street Area					
	Sample ID:	Method 1 GW-3	ES1-05	HR-G1-MW-3	HR-G3-MW-1	B-2	E-07	LS-MW-6R		
Parameter	Date Collected:	Standards	10/10/03	10/16/03	10/16/03	10/09/03	10/09/03	10/09/03		
Inorganics-	Inorganics-Unfiltered									
Mercury		Not Applicable	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)		
Inorganics-Filtered										
Mercury		0.001	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)		

Site ID	:			Newell	St. Area II				
Sample ID	Method 1 GW-3	GMA1-9	N2SC-07S	NS-09	NS-17	NS-20	NS-37		
Parameter Date Collected	: Standards	10/16/03	10/17/03	10/16/03	10/15/03	10/16/03	10/17/03		
Inorganics-Unfiltered	Inorganics-Unfiltered								
Mercury	Not Applicable	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200) [ND(0.000200)]	ND(0.000200)	ND(0.000200)		
Inorganics-Filtered									
Mercury	0.001	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200) [ND(0.000200)]	ND(0.000200)	ND(0.000200)		

#### Notes:

- 1. Samples were collected by Blasland Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of mercury.
- 2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan, General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved November 4, 2002 and resubmitted December 10, 2002).
- 3. ND Analyte was not detected. The number in parentheses is the associated detection limit.
- 4. Field duplicate sample results are presented in brackets.

### **TABLE 5A** COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP UCLs FOR GROUNDWATER

### **GROUNDWATER QUALITY INTERIM REPORT FOR FALL 2003** GROUNDWATER MANAGEMENT AREA 1 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in parts per million, ppm)

	Site ID:		East St. Are	ea 2 - North	East St. Area 2 - South	Lymar	n Street Area
	Sample ID:	UCL-GW	A-7	GMA1-4	GMA1-13	LS-29	LS-MW-3R
Parameter	Date Collected:	Standards	10/09/03	10/09/03	10/15/03	10/13/03	10/13/03
Volatile Organ	nics						
Benzene		70	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	0.0034 J [0.00064 J]
Bromodichloro	methane	100	ND(0.0050)	0.00089 J	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Chloroform		100	ND(0.0050)	0.0089	ND(0.0050)	0.00094 J	ND(0.0050) [ND(0.0050)]
Tetrachloroeth	ene	50	ND(0.0020)	ND(0.0020)	ND(0.0020)	0.0034	ND(0.0020) [ND(0.0020)]
Toluene		100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	0.00091 J [ND(0.0050)]
Xylenes (total)		100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	0.0040 J [0.00061 J]
PCBs-Unfilter	ed				0.000=0		
Aroclor-1254		Not Listed	NA NA	NA NA	0.000070	0.0023	NA NA
Total PCBs		0.005	NA	NA	0.000070	0.0023	NA
PCBs-Filtered Aroclor-1254	1	Nint I into al	NIA.	N.A	0.000074	0.00050	N/A
Total PCBs		Not Listed	NA NA	NA NA	0.000071	0.00056	NA NA
	) )	0.005	INA	NA	0.000071	0.00056	NA NA
Semivolatile (	organics	20	ND(0.0050)	ND(0.0050)	ND(0.040)	ND(0.040)	0.044 150.0000 17
Naphthalene		60	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.010)	0.011 J [0.0020 J]
Furans		Martina		1 114	ND(0.000000011)	ND(0.000000000)	- NA
2,3,7,8-TCDF		Not Listed	NA NA	NA NA	ND(0.0000000011)	ND(0.0000000019)	NA NA
TCDFs (total)	<b>D</b> E	Not Listed	NA NA	NA NA	ND(0.0000000011)	ND(0.0000000019)	NA NA
1,2,3,7,8-PeCI 2,3,4,7,8-PeCI		Not Listed Not Listed	NA NA	NA NA	ND(0.00000000082) X ND(0.00000000070)	ND(0.000000014) X ND(0.0000000038) X	NA NA
					\ /	(	NA NA
PeCDFs (total) 1,2,3,4,7,8-Hx	·	Not Listed Not Listed	NA NA	NA NA	ND(0.00000000070) ND(0.0000000025)	0.0000000062 0.000000064 J	NA NA
1,2,3,4,7,6-HX		Not Listed	NA NA	NA NA	ND(0.000000025)	ND(0.0000000029) X	NA NA
1,2,3,7,8,9-Hx		Not Listed	NA NA	NA NA	ND(0.000000025)	ND(0.0000000023) X	NA NA
2,3,4,6,7,8-Hx		Not Listed	NA NA	NA NA	ND(0.000000025)	0.0000000021) X	NA
HxCDFs (total)		Not Listed	NA NA	NA NA	ND(0.0000000025)	0.00000000223	NA NA
1,2,3,4,6,7,8-H		Not Listed	NA NA	NA NA	ND(0.0000000025)	ND(0.0000000026)	NA NA
1,2,3,4,7,8,9-H		Not Listed	NA NA	NA NA	ND(0.0000000025)	ND(0.0000000035)	NA NA
HpCDFs (total		Not Listed	NA	NA	ND(0.000000025)	0.0000000046	NA
OCDF	/	Not Listed	NA	NA	ND(0.000000050)	ND(0.000000011)	NA
Dioxins	·				(**************************************	(	
2,3,7,8-TCDD		0.0000001	NA	NA	ND(0.000000018)	ND(0.000000018)	NA
TCDDs (total)		Not Listed	NA	NA	ND(0.000000033)	ND(0.0000000021)	NA
1,2,3,7,8-PeĆ[	OD	Not Listed	NA	NA	ND(0.0000000025)	ND(0.0000000025)	NA
PeCDDs (total	)	Not Listed	NA	NA	0.0000000092	ND(0.0000000025)	NA
1,2,3,4,7,8-Hx	CDD	Not Listed	NA	NA	ND(0.0000000025)	ND(0.000000050)	NA
1,2,3,6,7,8-Hx	CDD	Not Listed	NA	NA	ND(0.0000000025)	ND(0.0000000044)	NA
1,2,3,7,8,9-Hx		Not Listed	NA	NA	ND(0.0000000025)	ND(0.000000050)	NA
HxCDDs (total	)	Not Listed	NA	NA	ND(0.0000000025)	ND(0.0000000048)	NA
1,2,3,4,6,7,8-H		Not Listed	NA	NA	0.000000018 J	ND(0.0000000054)	NA
HpCDDs (total	)	Not Listed	NA	NA	ND(0.000000018)	ND(0.0000000054)	NA
OCDD		Not Listed	NA	NA	ND(0.00000012) X	0.00000011 J	NA
Total TEQs (W		0.000001	NA	NA	0.000000033	0.000000051	NA
Inorganics-Ur	nfiltered			_			
Antimony		3	NA	NA	0.0120 B	ND(0.0600)	NA
Barium		100	NA NA	NA NA	0.00880 B	0.00730 B	NA NA
Beryllium		0.5	NA NA	NA	0.00110	ND(0.20)	NA NA
Cadmium		0.1	NA NA	NA NA	0.00130 B	ND(0.00500)	NA NA
Chromium		20	NA NA	NA NA	ND(0.0100)	ND(0.0100)	NA NA
Lead		0.3	NA NA	NA NA	ND(0.00300)	0.00250 J	NA NA
Selenium		0.8	NA NA	NA NA	0.00910	ND(0.00500) J ND(0.0200) J	NA NA
Zinc Inorganics-Fil	Itorod	20	NA	NA	0.00580 B	ואט(ט.ט2טט) J	NA
	itereu	2	NI A	NIA.	ND(0.0000)	ND(0.0600)	NA
Antimony		3	NA NA	NA NA	ND(0.0600)	ND(0.0600)	NA NA
Barium		100	NA NA	NA NA	0.00880 B	0.00700 B ND(0.00100)	NA NA
Beryllium Cadmium		0.5 0.1	NA NA	NA NA	ND(0.0010) ND(0.00500)	ND(0.00100) ND(0.00500)	NA NA
Chromium		20	NA NA	NA NA	0.00140 B	ND(0.00500)	NA NA
Lead		0.3	NA NA	NA NA	ND(0.00300)	ND(0.0100)	NA NA
Selenium		0.8	NA NA	NA NA	ND(0.00500)	ND(0.00500) J	NA NA
Zinc		20	NA NA	NA NA	ND(0.0000)	ND(0.020)	NA
		۷_	14/7	1 11/7	140(0.020)	140(0.020)	11/7

### TABLE 5A COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP UCLs FOR GROUNDWATER

# GROUNDWATER QUALITY INTERIM REPORT FOR FALL 2003 GROUNDWATER MANAGEMENT AREA 1 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in parts per million, ppm)

### Notes:

- Samples were collected by Blasland Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of PCBs and Appendix IX+3 constituents.
- Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan, General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved November 4, 2002 and resubmitted December 10, 2002).
- 3. NA Not Analyzed.
- 4. ND Analyte was not detected. The number in parentheses is the associated detection limit.
- 5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. In Environmental Health Perspectives 106(2), December 1998.
- 6. Field duplicate sample results are presented in brackets.
- 7. With the exception of dioxin/furans, only those constituents detected in one or more samples are summarized.

### Data Qualifiers:

### Organics (volatiles, PCBs, semivolatiles, dioxin/furans)

- J Indicates that the associated numerical value is an estimated concentration.
- X Estimated maximum possible concentration.

#### Inorganics

- B Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).
- J Indicates that the associated numerical value is an estimated concentration.

### TABLE 5B COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP UCLs FOR GROUNDWATER

### GROUNDWATER QUALITY INTERIM REPORT FOR FALL 2003 GROUNDWATER MANAGEMENT AREA 1 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

	Site ID:		East St. Area 2 - North	East St. Ar	ea 2 - South	Lyman	Street Area	
	Sample ID:	UCL-GW	ES1-05	HR-G1-MW-3	HR-G3-MW-1	B-2	E-07	LS-MW-6R
Parameter	Date Collected:	Standards	10/10/03	10/16/03	10/16/03	10/09/03	10/09/03	10/09/03
Inorganics-U	nfiltered							
Mercury		0.02	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)
Inorganics-F	iltered					_		
Mercury		0.02	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)

	Site ID:				Newell	St. Area II		
	Sample ID:	UCL-GW	GMA1-9	N2SC-07S	NS-09	NS-17	NS-20	NS-37
Parameter	Date Collected:	Standards	10/16/03	10/17/03	10/16/03	10/15/03	10/16/03	10/17/03
Inorganics-U	Infiltered							
Mercury		0.02	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200) [ND(0.000200)]	ND(0.000200)	ND(0.000200)
Inorganics-F	iltered							
Mercury		0.02	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200) [ND(0.000200)]	ND(0.000200)	ND(0.000200)

### Notes:

- 1. Samples were collected by Blasland Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of mercury.
- 2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan, General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved November 4, 2002 and resubmitted December 10, 2002).
- 3. ND Analyte was not detected. The number in parentheses is the associated detection limit.
- 4. Field duplicate sample results are presented in brackets.

## TABLE 6 PROPOSED MODIFIED INTERIM GROUNDWATER QUALITY MONITORING PROGRAM

# GROUNDWATER MANAGEMENT AREA 1 GROUNDWATER QUALITY INTERIM REPORT FOR FALL 2003 GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Well Number	Monitoring Well Usage	Sampling Schedule	Analyses	Basis for Inclusion in Interim Monitoring Program
RAA 1 - 40s COMPL	EX	•		
No interim gro	oundwater quality monitoring to be pe	erformed in this RAA	٨.	
RAA 2 - 30s COMPL	.EX			
GMA1-2	GW-2 Sentinel	Semi-Annual (2)	VOC (+5 SVOC)	Three additional sample sets are proposed due to lack of water during prior baseline sampling events.
RF-02	GW-3 Perimeter (Downgradient)	Annual (1)	PCB	Location added to interim monitoring program per September 23, 2003 EPA conditional approval letter.
RF-16	GW-3 Perimeter (Downgradient)	Annual (1)	Cyanide	Average cyanide concentration is slightly below GW-3 Standard (i.e., greater than 50 %).
RAA 3 - 20s COMPL	EX			
No interim gro	oundwater quality monitoring to be pe	erformed in this RAA	١.	
RAA 4 - EAST STRE	ET AREA 2-SOUTH			
GMA1-13	GW-3 General/Source Area Sentinel	Annual (1)	PCB	Replacement for well 95-9. Average PCB concentration is slightly below GW-3 Standard (i.e., greater than 50 %).
E2SC-23	GW-3 Perimeter (Downgradient)	Annual (1)	PCB	Location added to interim monitoring program per September 23, 2003 EPA conditional approval letter.
E2SC-24	GW-3 Perimeter (Downgradient)	Annual (1)	PCB	Average PCB concentration is slightly below GW-3 Standard (i.e., greater than 50 %).
ES2-02A	GW-3 Perimeter (Downgradient)	Annual (1)	Cyanide	Average cyanide concentration is slightly below GW-3 Standard (i.e., greater than 50 %).
ESA2S-52	GW-3 General/Source Area Sentinel	Annual (1)	Cyanide	Average cyanide concentration is slightly below GW-3 Standard (i.e., greater than 50 %).
HR-G1-MW-3	GW-3 Perimeter (Downgradient)	Annual (1)	Cyanide	Average cyanide concentration is slightly below GW-3 Standard (i.e., greater than 50 %).
HR-G3-MW-1	GW-3 Perimeter (Downgradient)	Annual (1)	PCB	Average PCB concentration is slightly below GW-3 Standard (i.e., greater than 50 %).
RAA 5 - EAST STRE	ET AREA 2-NORTH			,
ES1-05	GW-3 Perimeter (Downgradient)	Annual	PCB	Average PCB concentration is slightly below GW-3 Standard (i.e., greater than 50 %).
ES1-27R	GW-3 General/ Source Area Sentinel	Annual (1)	PCB	Average PCB concentration is slightly below GW-3 Standard (i.e., greater than 50 %).
GMA1-4	GW-2 Sentinel	Semi-Annual (2)	VOC(+5 SVOC)	Two additional sample sets are proposed due to lack of water during prior baseline sampling events.

## TABLE 6 PROPOSED MODIFIED INTERIM GROUNDWATER QUALITY MONITORING PROGRAM

# GROUNDWATER MANAGEMENT AREA 1 GROUNDWATER QUALITY INTERIM REPORT FOR FALL 2003 GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Well Number	Monitoring Well Usage	Sampling Schedule	Analyses	Basis for Inclusion in Interim Monitoring Program
RAA 6 - EAST STRE	ET AREA 1-NORTH			
ES1-14	GW-2 Sentinel/ GW-3 General/Source Area Sentinel	Annual (1)	PCB	Location added to interim monitoring program per September 23, 2003 EPA conditional approval letter.
ESA1N-52	GW-2 Sentinel/ GW-3 General/Source Area Sentinel	Annual <sup>(1)</sup>	PCB	Average PCB concentration is slightly below GW-3 Standard (i.e., greater than 50 %).
RAA 12 - LYMAN ST	REET AREA			
LS-29	GW-3 General/Source Area Sentinel	Annual (1)	PCB	Average PCB concentration is slightly below GW-3 Standard (i.e., greater than 50 %).
LSSC-08S	GW-3 Perimeter (Downgradient)	Annual <sup>(1)</sup>	PCB	Location added to interim monitoring program per September 23, 2003 EPA conditional approval letter.
LSSC-16S	GW-2 Sentinel	Annual (1)	VOC (+5 SVOC)	Location added to interim monitoring program per September 23, 2003 EPA conditional approval letter.
LSSC-18	GW-3 Perimeter (Downgradient)	Annual (1)	PCB	Average PCB concentration is slightly below GW-3 Standard (i.e., greater than 50 %).
MW-4R	GW-3 Perimeter (Downgradient)	Semi-Annual (3)	APP. IX, excl. pest/herb (minimum of 2 rounds)	Location added to interim monitoring program per September 23, 2003 EPA conditional approval letter. Sampling schedule may be proposed to be modified from semi-annual to annual after 2004 data is evaluated.
RAA 13 - NEWELL S	STREET AREA II			
N2SC-07S	GW-3 Perimeter (Downgradient)	Annual (1)	VOC/PCB	Average PCB and chlorobenzene concentrations are slightly below GW-3 Standard (i.e., greater than 50 %).
NS-17	GW-3 Perimeter (Downgradient)	Annual (1)	VOC	Location added to interim monitoring program for VOC sampling per September 23, 2003 EPA conditional approval letter.
RAA 14 - NEWELL S	STREET AREA I			
No interim gro	oundwater quality monitoring to be pe	erformed in this RAA	٨.	

V:\GE\_Pittsfield\_CD\_GMA\_1\Reports and Presentations\Fall 2003 GW Qual Report\ 0484Tables1\_2\_6.xlsTable 6

### TABLE 6 PROPOSED MODIFIED INTERIM GROUNDWATER QUALITY MONITORING PROGRAM

## GROUNDWATER MANAGEMENT AREA 1 GROUNDWATER QUALITY INTERIM REPORT FOR FALL 2003 GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

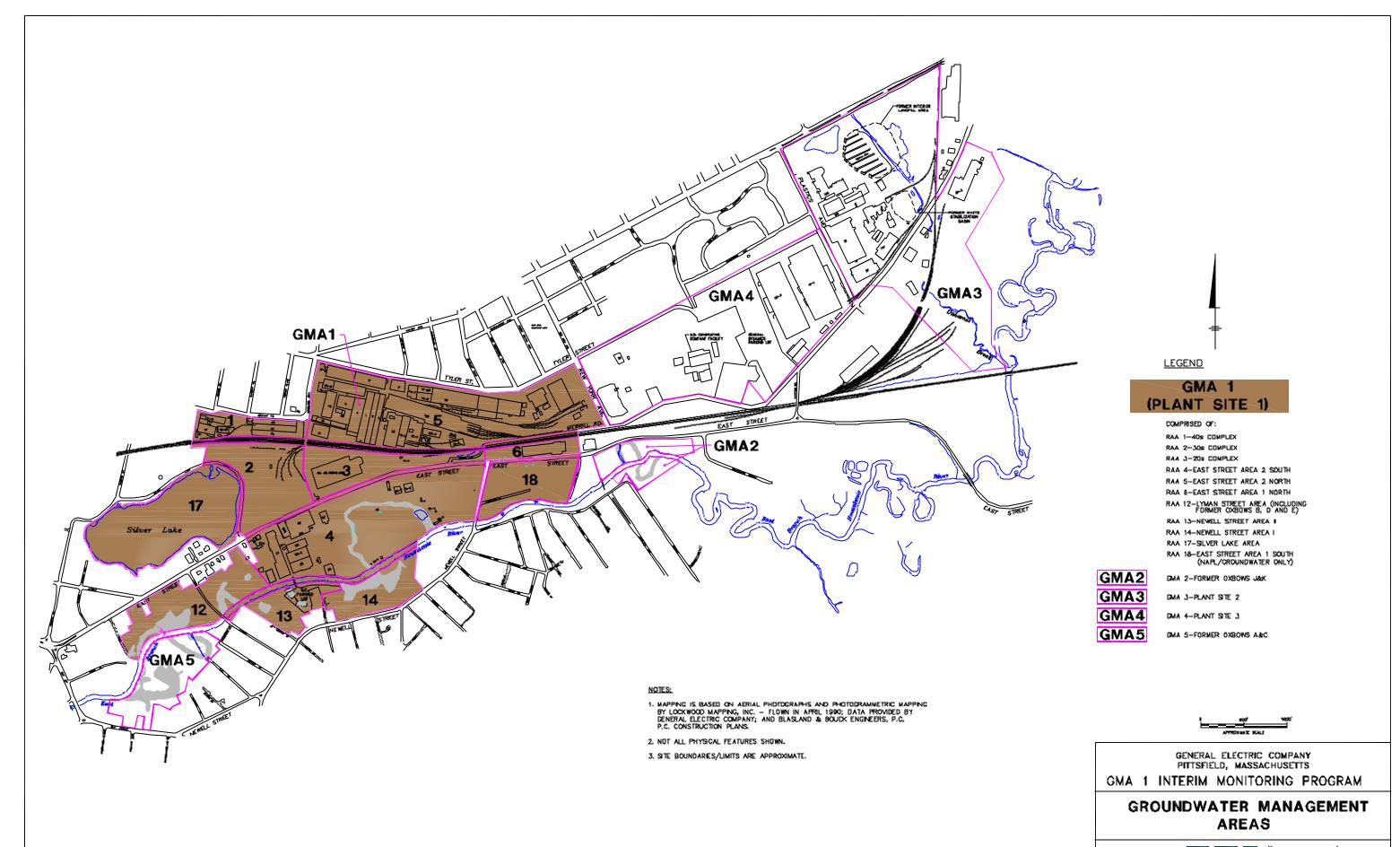
Well Number	Monitoring Well Usage	Sampling Schedule	Analyses	Basis for Inclusion in Interim Monitoring Program
RAA 18 - EAST STR	REET AREA 1 SOUTH			
139	GW-2 Sentinel/ GW-3 Perimeter (Downgradient)	Annual <sup>(1)</sup>		Average PCB concentration is slightly below GW-3 Standard (i.e., greater than 50 %).
ESA1S-33	GW-2 Sentinel/ GW-3 General/Source Area Sentinel	Annual (1)	L VOC(+5 SVOC)/	Replacement for well ES1-8 downgradient of NAPL containment area.
GMA1-6	GW-2 Sentinel/ GW-3 General/Source Area Sentinel	Annual <sup>(1)</sup>	VOC(+5 SVOC)/ PCB	Downgradient of NAPL containment area.

#### NOTES:

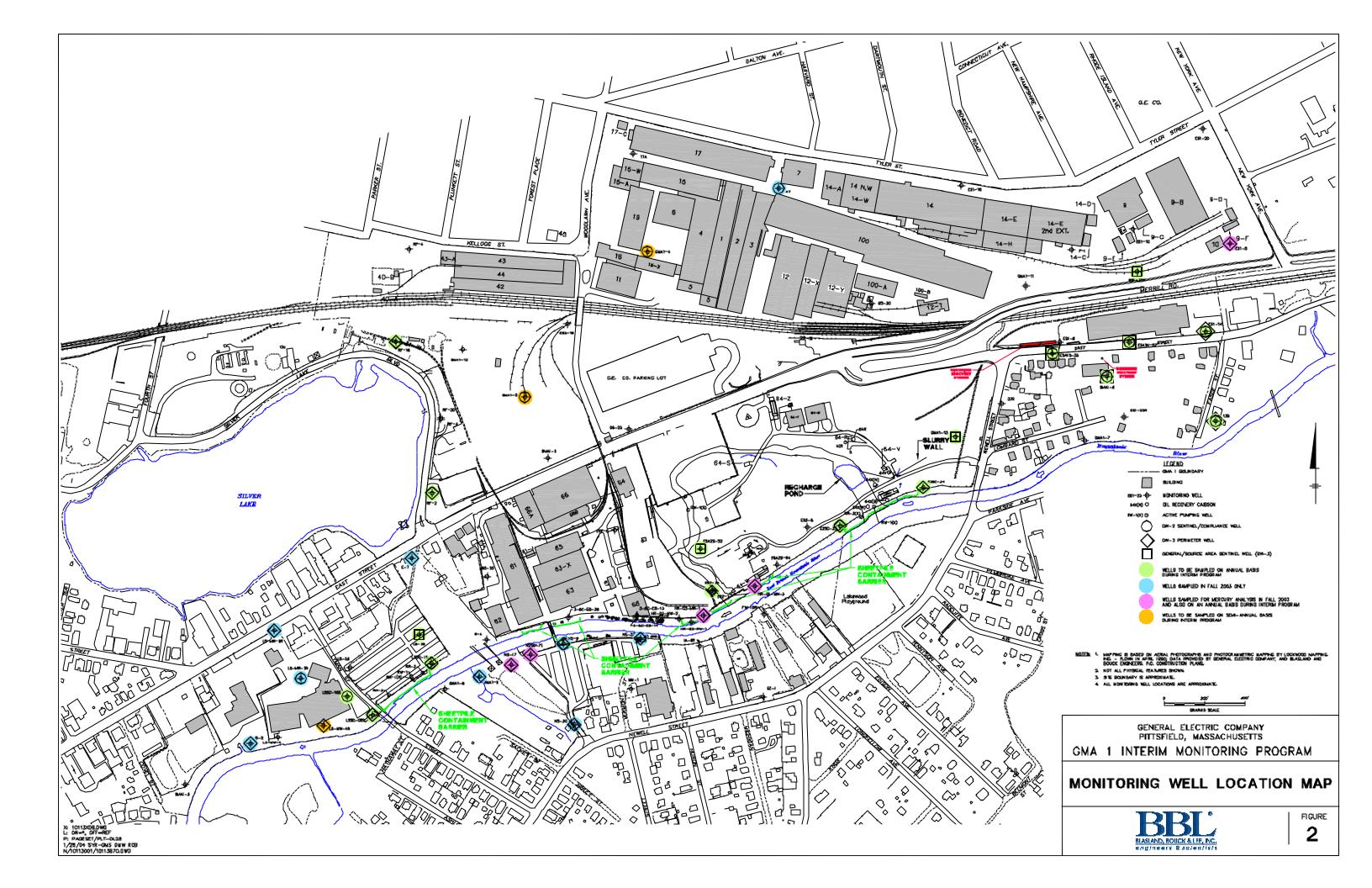
- 1. The wells proposed for annual groundwater quality sampling will be sampled for the listed parameters during the interim period between the completion of the baseline monitoring program and the initiation of a long-term monitoring program. The sampling schedule will alternate between the spring and fall seasons each year, beginning with spring 2004.
- 2. Wells that are included due to less than four rounds of baseline data (i.e., GMA1-2 and GMA1-4) will be sampled on a semi-annual basis and may be proposed to be removed from the interim groundwater quality monitoring program after the fourth data set is collected or if, despite additional attempts, the data cannot be obtained.
- 3. Samples will be collected from well MW-4R on a semi-annual basis during 2004, at a minimum, after which GE will propose to retain or modify the sampling schedule and/or analyses to be performed.
- 4. All analyses for PCB, metals, and cyanide conducted under the annual interim monitoring program will be performed on filtered samples only.

## **Figures**





L: DN=". OFF=REF Pt PAGSET/PLT-DL 1/14/D4 BYR-B4-BNS RC8 DWW N/10113001/10113871.DWC FIGURE



## **Appendices**



## Appendix A

# **Monitoring Well Log**



Date Start/Finish: 10/8/03 Drilling Company: Parrett-Wolff

Driller's Name: Rick Novatna, Joel Percy Drilling Method: Direct Push/Hollow Stem Auger

Bit Size: NA Auger Size: 4 1/4"

Rig Type: Truck-Mounted Ingersoll Rand Sampling Method: 2" Split Spoon Northing: 532351.6 Easting: 130525.4 Casing Elevation: 980.82

Borehole Depth: 16 ft, bgs Surface Elevation: 981.2

Geologist: N. Smith

Well/Boring ID: MW-4R

Client: General Electric Company

Location: GMA 1 - Lyman Street

ОЕРТН	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Blows / 6 Inches	N - Value	Geologic Column	Stratigraphic Description	Well/Boring Construction
-0 -0 -9	- 80	1	0-2	0.8	0.4	NA NA	NA NA	× × × × × ×	ASPHALT.  Dark brown fine to medium SAND, little Silt, medium Grayel and Asphalt debris, dry. [FILL]	Flush Mount Co- Locksble J-Plug Concrete (0 - 1.0
		2	2-4	0.75	0.0	NA	. NA	* * * * * * * * * * * * * * * * * * * *	Brown line to medium SAND, dry.	Benfonite Chips (1 0' - 3.5' bgs)
-5	24	3.	4-6	0.33	0,6	NA	NA	××	Brown fine to medium SAND, trace fine to medium Gravel and Glass fragments, moiss, [FILL]	Riser (0.5 - 5.5' bgs)
9*	75 -	4	6-8	1,6	2.2	NA	NA	××	Dark grey fine SAND, little S≋t, trace organic material, moist.	Type #1 Sitica Sand (3.5° - 15.5 bgs)
	-	5	8-10	0.75	1.0	NA	NA		Dark gray fine SAND, trace Silt, moist.  Brown fine to medium SAND, trace Silt, wet.	
10 97	0 -	6	10-12	1.5	9.3	NA	NA		Dark gray fine SAND, little Sitt, wet.  Gray-brown fine to medium SAND, wet, loose.	Sched 40 2" PVC Skd Screen (0.02 (5.5" - 15.5" bgs)
		7	12-14	0.5	5.2	NA	NA			
15	-		14-16	1.8	14.2	NA	NA.		Gray-brown medium SAND, wet.	
BL	ASL	3 ANI	D, BO	3 UCK	8 4	E, I	NC.		Gray SILT, light fine Sand, trace clay, moist.  Remarks: NA = not available;  bgs = below ground surface.	

Project: 10111.001 Data File:MW-4R.dat Template: V:\GE\_Pittsfield\_CD\_GMA\_1\_Confidential\Notes and Data\Logs\SB\_well(v.2).ldf Date: 1/9/04

Page: 1 of 1

## Appendix B

## **Field Sampling Data**



## TABLE B-1 SUMMARY OF GROUNDWATER SAMPLING METHODS

# GROUNDWATER MANAGEMENT AREA 1 GROUNDWATER QUALITY INTERIM REPORT FOR FALL 2003 GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Well ID		Sa	mpling Meth	od		Comments
well iD	Fall 2001	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Comments
RAA 2 - 30s CO	MPLEX					
GMA1-2	NS	NS	NS	PP	NS	Fall 2003: Well dry - no sample collected.  Spring 2003: Well purged dry. Sample collected after recharge. Insufficient water to collect field parameter data (except for turbidity).  Fall 2002: Well dry - no sample collected.  Spring 2002: Well dry - no sample collected.  Fall 2001: Well dry - no sample collected.
RAA 4 - EAST S	STREET ARE	A 2-SOUTH				
95-09/GMA1-13	BA	PP/BA	NS	PP	BP	Spring 2003: Well 95-9 replaced by well GMA1-13 Fall 2002: Well damaged - no sample collected. Fall 2001: Field parameters not collected.
HR-G1-MW-3	SP	PP	PP	BP	BP	Fall 2003: River elevation very high, water near base of well.  Spring 2002: Dissolved oxygen meter malfunction.  Fall 2001: Unable to get turbidity below 50 NTU.
HR-G3-MW-1	SP	PP	PP	BP	BP	Fall 2001: Pump malfunction during sample collection, was briefly shut down.
RAA 5 - EAST S	STREET ARE	A 2-NORTH				
A-7	SP	PP/BA	NS	PP	PP	Fall 2002: Well dry - no sample collected.
ES1-05	BA	BP	SP	BP	BP	Spring 2003: Portion of well casing broken. Fall 2002: Well almost dry - unable to get turbidity below 50 NTU. Spring 2002: Well casing broken at top. Fall 2001: Field parameters not collected.
GMA1-4	NS	NS	NS	PP	PP	Spring 2003: Well cover missing. Fall 2002: Well dry - no sample collected. Spring 2002: Well dry - no sample collected. Fall 2001: Well dry - no sample collected.

## TABLE B-1 SUMMARY OF GROUNDWATER SAMPLING METHODS

# GROUNDWATER MANAGEMENT AREA 1 GROUNDWATER QUALITY INTERIM REPORT FOR FALL 2003 GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Well ID		Sa	mpling Meth	od		Comments
well ib	Fall 2001	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Comments
RAA 12 - LYMA	N STREET AF	REA				
B-2	PP	PP/BA	PP	PP	PP	
E-7	PP	PP	PP	PP	PP	Fall 2002: Turbidity meter malfunction. Samples visually clear.
LS-29	SP	BP	NS	PP	PP	Spring 2003: Pump type changed from bladder pump to peristaltic pump. Fall 2002: Well not sampled; Casing broken.
MW-3/MW-3R	PP	NS	PP	BP	BP	Fall 2002: Well MW-3 replaced by well MW-3R Spring 2002: Well MW-3 damaged - not sampled.
MW-6R	PP	PP/BA	PP	PP	PP	Fall 2003: Strong petroleum odor observed. Fall 2001: Dissolved oxygen meter malfunction.
RAA 13 - NEWE	LL STREET /	AREA II				
GMA1-9	PP	PP/BA	PP	PP	PP	Fall 2001: Dissolved oxygen meter malfunction.
N2SC-07S	SP	BP	PP	BP	BP	Spring 2002: Dissolved oxygen meter malfunction. Fall 2001: Dissolved oxygen meter malfunction.
NS-09	SP	PP/BA	PP	PP	PP	Spring 2003: Well riser broken, but well still usable. Fall 2001: Turbidity meter malfunction. Samples visually clear.
NS-17	SP	PP/BA	PP	PP	PP	
				1		

## TABLE B-1 SUMMARY OF GROUNDWATER SAMPLING METHODS

# GROUNDWATER MANAGEMENT AREA 1 GROUNDWATER QUALITY INTERIM REPORT FOR FALL 2003 GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Well ID		Sa	ampling Meth	od		Comments
Well ID	Fall 2001	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Comments
RAA 13 - NEWE	LL STREET A	REA II (continu	ed)			
NS-20	SP	PP/BA	PP	PP	PP	Spring 2003: Increase in pump rate noted during sample collection.
NS-37	SP	BP	PP	BP	BP	Fall 2003: Slight sheen observed,

#### NOTES:

BP - Bladder Pump

PP - Peristaltic Pump

SP - Submersible Pump

BA - Bailer

PP/BA - Peristaltic Pump with Bailer used for VOC sample collection

NS - Not Sampled

	GMAI-	-		- 5.72	/GMA Name	A GM				_
Key No.	NA	NIA.	_	- Sampin	ng Personnel	KURUG	IR BIAG	and		_
110000	ground (ppm)	NA		<del>6</del> .		10/9/03	7			
Well Head	dspace (ppm)	NA_		•	Weather	00-70	MOSTLY Q	leab/gulhn	Υ	
ELL INFORMA	ATION						Sample Time	NA		
Reference	Point Marked?	YN					Sample ID	AN		
Height of R	Reference Point		Meas. From				Duplicate ID	NA		
	Well Diameter						MS/MSD	NA		
Screen	n Interval Depth		Meas, From				Split Sample ID	NA		
Wat	ter Table Depth	16.32	Meas. From	TIC			STATES THE PARTY OF THE	1.11		_
		-	Meas, From	T14		Required	Analytical	Parameters:	Colle	ctert
Length of	Water Column			-1.10		(c) (r)	11175-00	Std. list)	1:	14
	of Water in Well					F 1		(Exp.list)	0	7
	of pump/tubing		Meas, From					OCs	- 20	1
mone wapm.	or purrousing					V 4		(Total)	10	J.
eference Point	Identification					- X - X -		Dissalved)	2	4
	of (PVC) casing					7 (		org. (Total)	10	1
						40 OF		(Dissolved)	8.5	1
rade/BGS Gr	der (protective)	-anny				E. SE		PCDFs	90	:1
mawbos Gr	round Sunaca					- N N	*** P.D. C.		- 81	
ORIGINAL N								/Hem	1	1
edevelop7	YN							Mtenuation		7
						F 2	Other	Specify)	4	7
VACUATION I	INFORMATION									
Eu	mp Start Time									
Pu	ump Stop Time		Sel .		Evacambon Met					
dinutes of Pum	ping				Penstalic Pany	1 ( ) Si	breersitie Pump (	) Other/Spec	afy [	7
(1) Late 1971					transition of the state of the					
/aluma of water	rzemoved				Рыпр Тури					-
id well go dry?	Y N Water Quality N	Natur Type(s) / S Fotal	Water	Temp,		Sp. Cond.	Turbidity	DO	OF	
id well go dry?	Y N Water Quality N	West West State			Samples collect			DO (mg/l)	OF (m) [10 s	٧١
iid well go dry?	Y N Water Quality N Pump Rate	Total Gallons	Water Level	Temp, (Celclus)	Samples collect	Sp. Cond. (mS/cm)	Turbidity (NTU)	DO (mg/l)	(m	٧)
lid well go dry?	Y N Water Quality N Pump Rate	Total Gallons	Water Level	Temp, (Celclus)	Samples collect	Sp. Cond. (mS/cm)	Turbidity (NTU)	DO (mg/l)	(m	٧)
id well go dry?	Water Gunley N Pump Rate (Umin.)	fotal Gallons Removed	Water Lovel (ft TIC)	Temp, (Celclus) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) (3%)*	Turbidity (NTU) (10% or 1 NTU)	00 (mg/l) (10% or 0.1 mg/l)*	(m	٧)
id well go dry? Time	Water Quality N Pump Rate (Limin.)	fotal Gallons Removed	Water Lavel (ft TIC)	Temp, (Celclus) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) (3%)*	Turbidity (NTU)	00 (mg/l) (10% or 0.1 mg/l)*	(m	٧)
id well go dry? Time	Water Quality N Pump Rate (Limin.)	fotal Gallons Removed	Water Lavel (ft TIC)	Temp, (Celclus) [3%]*	pH [0 t units]*	Sp. Cond. (mS/cm) (3%)*	Turbidity (NTU) (10°C or 1 NTU)	00 (mg/l) (10% or 0.1 mg/l)*	(m	٧)
id well go dry? Time	Water Quality N Pump Rate (Limin.)	fotal Gallons Removed	Water Lavel (ft TIC)	Temp, (Celclus) [3%]*	pH [0 t units]*	Sp. Cond. (mS/cm) (3%)*	Turbidity (NTU) (10°C or 1 NTU)	00 (mg/l) (10% or 0.1 mg/l)*	(m	٧)
id well go dry? Time	Water Quality N Pump Rate (Limin.)	fotal Gallons Removed	Water Lavel (ft TIC)	Temp, (Celclus) [3%]*	pH [0 t units]*	Sp. Cond. (mS/cm) (3%)*	Turbidity (NTU) (10°C or 1 NTU)	00 (mg/l) (10% or 0.1 mg/l)*	(m	٧)
id well go dry? Time	Water Quality N Pump Rate (Limin.)	fotal Gallons Removed	Water Lavel (ft TIC)	Temp, (Celclus) [3%]*	pH [0 t units]*	Sp. Cond. (mS/cm) (3%)*	Turbidity (NTU) (10°C or 1 NTU)	00 (mg/l) (10% or 0.1 mg/l)*	(m	٧)
Time	Water Guality M Pump Rate (Limin.)	fotal Gallons Removed	Water Lavel (ft TIC)	Temp, (Celclus) [3%]*	pH [0 t units]*	Sp. Cond. (mS/cm) (3%)*	Turbidity (NTU) (10% or 1 NTU) als) is listed in each	DO (mg/l) (10% or 0.1 mg/l)*	[10 s	V)
Time The stabilization	Water Quality N Pump Rate (Limin.)  ion criteria for e. NS/SAMPLING	fotal Gallons Removed	Water Lavel (ft TIC)	Temp, (Celclus) [3%]*	pH [0 t units]*	Sp. Cond. (mS/cm) (3%)*	Turbidity (NTU) (10% or 1 NTU) als) is listed in each	DO (mg/l) (10% or 0.1 mg/l)*	[10 s	V)
Time  The stabilization SAMPLE DES Laboratory	Water Guality N Pump Rate (Limin.)  ion criteria for ex NS/SAMPLING	fotal Gallons Removed	Water Lavel (ft TIC)	Temp, (Celclus) [3%]*	pH [0 t units]*	Sp. Cond. (mS/cm) (3%)*	Turbidity (NTU) (10% or 1 NTU) als) is listed in each	DO (mg/l) (10% or 0.1 mg/l)*	[10 s	V)
Time The stabilization	Water Guality N Pump Rate (Limin.)  ion criteria for eans/SAMPLING	fotal Gallons Removed	Water Lavel (ft TIC)	Temp, (Celclus) [3%]*	pH [0 t units]*	Sp. Cond. (mS/cm) (3%)*	Turbidity (NTU) (10% or 1 NTU) als) is listed in each	00 (mg/l) (10% or 0.1 mg/l)*	[10 s	V)

Weil No.	C7MA	1-2		- 3	Site/GMA Name	1	12 44 1 1 1 m	-1 - 6 34 6	1 1	
Key No.	A di A			-	pling Personnel		Pittsfiel	CI- CFI	1 1	
PID Bac	kground (ppm	0		===	Date		20-0	2		_
Well He	adspace (ppm)	0		==	Weather			470 2		
				-	***************************************	-12410	y sunny	77-5		-
WELL INFORM	MOTTAN						Sample Time	1-101	<u> </u>	
Reference	e Point Marked	NB					Sample IC		1-7	
Height of	Reference Poin	1-0.3	Meas, From	Molina	ł		Duplicate IC		- 2	
	Well Diamete	r Z*	5	U			MS/MSI			-
Scree	n Interval Depth	6.2-16.2	Meas, From	7 lound	J		Split Sample ID		=-	_
	iter Table Depth	CONTRACTOR OF CONTRACTOR OF STREET	Meas. From	JTIC	-		Spin Sample ID		_	_
	Well Depth	16.32	Meas, From	TIC	-	Required	Analytical C	Parameters:	-	0.0000000000000000000000000000000000000
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						1 5	PCD0s/ Pest/		·	3
ledevelop?	Y N					W 1980	Pest/ Natural An		1	1
Matter Assista						Y 1000	Olber (S		3	3
	500.50	0.08162	L		Evacuation Met Penstallic Pump Pump Type:	hod: Bailer ( ス) Su (EU	ibmersible Pump (	) Other	r/Specify	( )
Minutes of Pum folume of water Did well go dry?	removed (F) N	0.08/js/ eter Type(s)/ Ser	nal Numbers	45 <u>L</u>	Penstallic Pump Pump Type Samples collect	ed by same me	of the day	17 (Y) M(sp	r/Specify ecify)	( )
olume of water lid well go dry?	removed (F) N	,	nal Numbers	451 7 HACH	Pensialho Pump Pump Type:	ed by same me	Juni 2	AI	ecify)	
olume of water lid well go dry?	removed (F) N	,	nal Numbers Water		Penstallio Pumo Pump Type: Samples collect	ed by same me	of the day	AI		375
diume of water lid well go dry?	removed  N  Valer Quality M	ctor Type(s) / Ser		7 HACH	Penstallic Pump Pump Type: Samples collect 550 MF	ed by same me	June 2 athod as evacuation 361461 4450	AT 20200	ecity)	375
olume of water id well go dry?  V	removed  (F) N  Valer Quality M  Pump	Total Gallons Removed	Water	Temp.	Penstallic Pump Pump Type: Samples collect 550 MF	ed by same me  Sp. Cond.	of the several of the	AI 20 2 200	ecify)	3.75
olume of water id well go dry? V	Valer Quality M Pump Rate	ter Type(s) / Ser Total Gallons	Water Level	Temp. (Celcius)	Penstallic Pume Pump Type: Samples collect  Simples ph	ed by same me  Sp. Cond. (mS/cm)	Turbidity (NTU)	AI 202.000 00 (mg/l)	ORI	3.70
olume of water id well go dry? V	Valer Quality M Pump Rate (Limin.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celcius) (3%)	Penstallic Pump Pump Type: Samples collect  SOC MF TUC by pH  [0 1 units]*	ed by same me  Sp. Cond. (mS/cm) [3%]	Turbialty (10% or 1 NTU)	AI 202.000 (mg/l) (10%)	ORI (mV	3.70
olume of water id well go dry? V	Valer Quality M Pump Rate (Limin.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celcius) (3%)	Penstallic Pump Pump Type: Samples collect  SOC MF TUC by pH  [0 1 units]*	ed by same me  Sp. Cond. (mS/cm) [3%]	Turbialty (10% or 1 NTU)	AI 202.000 (mg/l) (10%)	ORI (mV	3.70
olume of water id well go dry? V	Valer Quality M Pump Rate (Limin.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celcius) (3%)	Penstallic Pump Pump Type: Samples collect  SOC MF TUC by pH  [0 1 units]*	ed by same me  Sp. Cond. (mS/cm) [3%]	Turbialty (10% or 1 NTU)	AI 202.000 (mg/l) (10%)	ORI (mV	3.70
olume of water d well go dry? V	Valer Quality M Pump Rate (Limin.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celcius) (3%)	Penstallic Pump Pump Type: Samples collect  SOC MF TUC by pH  [0 1 units]*	ed by same me  Sp. Cond. (mS/cm) [3%]	Turbialty (10% or 1 NTU)	AI 202.000 (mg/l) (10%)	ORI (mV	3.70
olume of water d well go dry? V	Valer Quality M Pump Rate (Limin.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celcius) (3%)	Penstallic Pump Pump Type: Samples collect  SOC MF TUC by pH  [0 1 units]*	ed by same me  Sp. Cond. (mS/cm) [3%]	Turbialty (10% or 1 NTU)	AI 202.000 (mg/l) (10%)	ORI (mV	3.70
olume of water id well go dry? V	Valer Quality M Pump Rate (Limin.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celcius) (3%)	Penstallic Pump Pump Type: Samples collect  SOC MF TUC by pH  [0 1 units]*	ed by same me  Sp. Cond. (mS/cm) [3%]	Turbialty (10% or 1 NTU)	AI 202.000 (mg/l) (10%)	ORI (mV	3.70
olume of water id well go dry?  V	Valer Quality M Pump Rate (Limin.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celcius) (3%)	Penstallic Pump Pump Type: Samples collect  SOC MF TUC by pH  [0 1 units]*	ed by same me  Sp. Cond. (mS/cm) [3%]	Turbialty (10% or 1 NTU)	AI 202.000 (mg/l) (10%)	ORI (mV	3.75
diume of water id well go dry? V	Valer Quality M Pump Rate (Limin.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celcius) (3%)	Penstallic Pump Pump Type: Samples collect  SOC MF TUC by pH  [0 1 units]*	ed by same me  Sp. Cond. (mS/cm) [3%]	Turbialty (10% or 1 NTU)	AI 202.000 (mg/l) (10%)	ORI (mV	3.75
diume of water id well go dry? V	Valer Quality M Pump Rate (Limin.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celcius) (3%)	Penstallic Pump Pump Type: Samples collect  SOC MF TUC by pH  [0 1 units]*	ed by same me  Sp. Cond. (mS/cm) [3%]	Turbialty (10% or 1 NTU)	AI 202.000 (mg/l) (10%)	ORI (mV	3.75
olume of water id well go dry? V	Valer Quality M Pump Rate (Limin.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celcius) (3%)	Penstallic Pump Pump Type: Samples collect  SOC MF TUC by pH  [0 1 units]*	ed by same me  Sp. Cond. (mS/cm) [3%]	Turbialty (10% or 1 NTU)	AI 202.000 (mg/l) (10%)	ORI (mV	3.70
olume of water id well go dry?  V  Time	Valer Quality M Pump Rate (Limin.)	Total Gallons Removed (1.08)gu	Water Level (ft TIC)	Temp. (Celcius) (3%): 13.13	Penstallic Pump Pump Type Samples collect  Soc MF Turbu pH  [0 1 units]*	ed by same me  So (C)  So (C)  Sp. Cond.  (mS/cm)  [3%]*  O (T)  O (T)  P	Hong 2 2 thod as evacuation 3 C 14 6 1 Le He F O Turbialty (NTU) (10% or 1 NTU)	AI 202.000 00 (mg/l) (10%): 6.25	O-35 OR: (mV   10 m	3.75
olume of water id well go dry?  V Time  ID: 3/4	Valer Quality M Pump Rate (Limin.)	Total Gallons Removed (1.08)gu	Water Level (ft TIC)	Temp. (Celcius) (3%)*	Penstallic Pump Pump Type Samples collect  Soc MF Turbu pH  [0 1 units]*	ed by same me  So (C)  So (C)  Sp. Cond.  (mS/cm)  [3%]*  O (T)  O (T)  P	Turbialty (10% or 1 NTU)	AI 202.000 00 (mg/l) (10%): 6.25	O-35 OR: (mV   10 m	3.75
olume of water id well go dry?  V Time  ID: 3/4	Valer Quality M  Pump Rate (Limin.)  CO mc	Total Gallons Removed (1.08)gu	Water Level (ft TIC)  C  (ihree consections	Temp. (Celcius) [3%] 13.13	Penstallic Pump Pump Type Samples collect  Soc MF Tuc hu pH  [0 : units]*  Co. II	ed by same me  So (1 by M  Sp. Cond.  (mS/cm)  [3%]*  O (19)	Hong 2 2 Hod as evacuation C 14 6 1 Letter O Turbidity (NTU) (10% or 1 NTU)	AT 202.000 00 (mg/l) (10%): 6.25	O-35 OR: (mV   10 m	3.75
olume of water id well go dry?  V Time  ID: 3/4	Valer Quality M Pump Rate (Limin.)  CO mc	Total Gallons Removed (1.08 gal h field parameter	Water Level (ft TIC)  C  (three consections	Temp. (Celcius) [3%]  13.13	Penstallic Pume Pump Type: Samples collect  Soc MF Turchy pH  [0 : units]*  (c. II)	ed by same me  So (1 by 1 M  Sp. Cond.  (mS/cm)  [3%]*  O (19  S-minute interval	of the second of	AT 202.000 00 (mg/l) (10%): 6.25	O-35 OR: (mV   10 m	375
olume of water id well go dry?  V Time  ID: 3/4	Valer Quality M Pump Rate (Limin.)  CO mc	Total Gallons Removed (1.08 gal h field parameter	Water Level (ft TIC)  C  (three consections	Temp. (Celcius) [3%]  13.13	Penstallic Pume Pump Type: Samples collect  Soc MF Turchy pH  [0 : units]*  (c. II)	ed by same me  So (1 by 1 M  Sp. Cond.  (mS/cm)  [3%]*  O (19  S-minute interval	of the second of	AT 202.000 00 (mg/l) (10%): 6.25	O-35 OR: (mV   10 m	375
olume of water id well go dry?  V Time  ID: 3/4	Valer Quality M Pump Rate (Limin.)  CO mc	Total Gallons Removed (1.08 gal h field parameter	Water Level (ft TIC)  C  (three consections	Temp. (Celcius) [3%]  13.13	Penstallic Pume Pump Type: Samples collect  Soc MF Turchy pH  [0 : units]*  (c. II)	ed by same me  So (1 by 1 M  Sp. Cond.  (mS/cm)  [3%]*  O (19  S-minute interval	of the second of	AT 202.000 00 (mg/l) (10%): 6.25	O-35 OR: (mV   10 m	375
Time  ID: 34  The stabilization asservations	Valer Quality M Pump Rate (Limin.) 100 and	Total Gallons Removed (1.08 gal h field parameter	Water Level (ft TIC)  C  (three consections	Temp. (Celcius) [3%]  13.13	Penstallic Pume Pump Type: Samples collect  Soc MF Tuc hu pH  [0 : units]*  (c. II)  allected at 3- to 5	ed by same me  Sp. Cond.  (mS/cm)  [3%]*  O. TI9  Sminute interval  Heavy	Turbialty (NTU) (10% or 1 NTU)  10  Als) is listed in each  Par Hic  Cutes Uc  Rain on	AI 202.000 (mg/l) (10%); 6.25	ORIGINAL PROPERTY OF THE STREET	375
Time  The stabilization asservations  The Head	Valer Quality M Pump Rate (Limin.) 100 and	Total Gallons Removed (1.08 gal h field parameter	Water Level (ft TIC)  C  (three consections	Temp. (Celcius) [3%]  13.13	Penstallic Pume Pump Type: Samples collect  Soc MF Turchy pH  [0 : units]*  (c.11)  allected at 3- to 5	ed by same me  Sp. Cond.  (mS/cm)  [3%]*  O. TIP  Sminute interval  Heavy  Vell St.	Turbialty (NTU) (10% or 1 NTU)  10  Als) is listed in each  Cutes- NC  Rain on  Ill dry on	AI 202.000 (mg/l) (10%): 6.25	ORIGINAL PROPERTY OF THE STREET	375
Time  The stabilization asservations  The Head	Valer Quality M Pump Rate (Limin.) ICO MC	Total Gallons Removed (1.08 gal h field parameter	Water Level (ft TIC) C (three consections (+ CCL) (11 dry	Temp. (Celcius) [3%]  13.13	Penstallic Pume Pump Type: Samples collect  Soc MF Turchy pH  [0 : units]*  (c.11)  allected at 3- to 5	ed by same me  Sp. Cond.  (mS/cm)  [3%]*  O. TIP  Sminute interval  Heavy  Vell St.	Turbialty (NTU) (10% or 1 NTU)  10  Als) is listed in each  Par Hic  Cutes Uc  Rain on	AI 202.000 (mg/l) (10%): 6.25	ORIGINAL PROPERTY OF THE STATE	375

PID Back	MA					G.E. P			
				Sampl		GAR/K	48		
Well Hear	ground (ppm)	0			Date	10/15/03			
	dspace (ppm)	_0			Weather	Overcost	Light Ra	in, Very Wir	dy, 50-
VELL INFORMA	ATION						Sample Time	11:15	
Reference	Point Marked?	(Y) N		828 55			Sample ID	GMA1-13	
	Reference Point		Meas, From	Ground			Duplicate ID		
53/05/99/02/53	Well Diameter	2"	ALTOTAL VERME - 19	Geo. 10			MS/MSD		
		15'-25'	1.00 (	Ground	:3		Split Sample ID	25-GW000	046-0-3
Wat	ter Table Depth	17.37 27.00	Meas, From	TIC		Required	Applytical	Parameters	Collected
1 0 1		9.91-63		115	•	( × )		(Std. list)	
									X
		1.615 600		T 17			2017 G250	(Exp.list)	
Intake Depth	of pump/tubing	22.5	Meas. From	TIL	4	( × )		OCs .	(2
						(×)		(Total)	(*)
eference Point	t Identification:					(×)		Dissolved)	(2)
	er (PVC) casing					X		org. (Total)	1
OC: Top of ou	utor (protective)	casing				(× )		). (Dissolved)	12
kade/BG5; Gr	round Surface					1 × 1		SPCDF4	12
						t )		UFfeet)	1
Redevelop?	Y(N)					t 1	Natural /	Mitemation	t t
100101000						¥ .	Other	(Specity)	(i) (ii)
- Lagranda I	_								
	INFORMATION	0 /-				83			
VACUATION		9:40						1010000040	
VACUATION P	INFORMATION	9:40			Eyacaation Met	hod Bailer (	) Bladder Pr	ang <b>X</b> )	
EVACUATION P	INFORMATION ump Start Time ump Stop Time	9:40			Evacaation Met		) Bladder Pr binersible Print (	) Uther:Spe	
EVACUATION   Pu Pu Munules of Pur	INFORMATION ump Start Time ump Stop Time	9:40			Penstattic Pum	p ( ) Su		) Uther/Spe	dv ( ) 1233203
EVACUATION I Pu Pu Materies of Puri Volume of water	INFORMATION ump Start Time ump Stop Time reping or removed	9:40			Ponstatic Pum Pump Type	MARSCH	binarsible Primo (	) Uther Spe ETO ! SM	123320
EVACUATION I Pu Pu Minutes of Poir Jolumo of water Did wall go dry?	inFORMATION ump Start Time ump Stop Time reping or removed	9:40	ansil Niambers	VST 651	Penstaltic Pum Pump Type Samples collec	ON ARSCH.	binarsable Primp ( ALJK SYST	) Uther Spe ETO ! SM	123320
EVACUATION I Pu Pu Minutes of Poir Jolumo of water Did wall go dry?	inFORMATION ump Start Time ump Stop Time reping or removed	9 : 40 Motor Type(s) / 30		YSI 55	Penstaltic Pum Pump Type Samples collec	DARSCH.  MARSCH.  Tod by same me	binarsable Primp ( ALJK SYST	Uther Spe ETM L Sh > Specify)	†23320
EVACUATION I Pu Pu Minutes of Poir Jolumo of water Did wall go dry?	inFORMATION ump Start Time ump Stop Time reping or removed	9:40			Penstaltic Pum Pump Type Samples collection	DARSCH.  MARSCH.  Tod by same me	hmersible Print ( ALJE SYST thed as evacuation	ETO L SN P SN (squeaty)	123320
EVACUATION i Pi Pi Mahules of Puri Joluma at water Jid well go dry?	inFORMATION ump Start Time ump Stop Time umping or removed or Y (N) Water Quality I	9:40 Mater Type(s)/Se		HACH TUB	Penstaltic Pum Pump Type Samples collect lo 03C0c BIDINGTER	MARSCH tod by some me 392 AE SN 98	hinersible Prints ( ALJC SYST thed as evacuation	Uther Spe ETM L Sh > Specify)	†23320
EVACUATION I Pu Pu Minutes of Poir Jolumo of water Did wall go dry?	inFORMATION ump Start Time ump Stop Time umping or romoved or Y N  Water Quality I  Pump Rate	9:40 Motor Type(s) / Sc	Water	Tamp.	Penstaltic Pum Pump Type Samples collect lo 03C0c BIDINGTER	MARSCH. tod by some and 392 AE SN 98 Sp. Cond.	hinersible Prints ( ALJK SYST thed as evacuation  120001984	OT DO	1233203 CRP
EVACUATION (P) P) Manules of Puri foliamo of wate Did wail go dry? Time	inFORMATION ump Start Time ump Stop Time umping or removed Or Y (N)  Water Quality I  Pump Rate (L/min.)	9:40  Motor Type(s) / So  Total  Gallons	Water Lovel (ft TIC)	Tomp. (Colcius)	Penstatic Pum Pump Type Samples collect  O 3C 0: BiDINETER pH	MARSCH. tod by some one  392 AE  SN 98  Sp. Cond. (mS/cm)	hinarsible Primp ( ALLC SYST thed as evacuation   \text{VPOO198}     Turbidity (NTU)     10% or 1 NTU	DO (mg/l)	4233203 ORP (mV)
EVACUATION in Properties of Port Manufes of Port Manufes of Port Manufes of Port Manufes of Properties of Properti	inFORMATION ump Start Time ump Stort Time ump Stort Time ump or removed or Y (N)  Water Quality I  Pump Rate (Limin.)	Actor Type(s) / So Total Gallons Removed	Water Lovel (ft TIC) 17. <u>410</u>	Tomp. (Calcius)	Penstatic Pum Pump Type Samples collect  O 3C 0 BiDING TE 8 pH [0 1 units]	MARSCH. MARSCH	humarsible Primp ( ALJK SYST theed as evacuation  17.000 19.8 Turbidity (NTU) [10% or 1 NTU]	DO (mg/l) [10% or 0.1 mg/l]*	\$233.203 ORP (mV)
Manufes of Pur /olume of water /olume	Water Quality I	7:40  Motor Type(s) / So  Total Gallons Removed	Water Lovel (ft TIC) 17.49	Tamp. (Celcius) [3%]*	Penstatic Pum Pump Type Samples collect  O O O O O BIDINETEE pH  [0 1 units]*	SP2 AE Sp. Cond. (mS/cm) [3%]	hinarsible Primp ( ALIK SYST theed as evacuation  12.000.19.8  Turbidity (NTU)  [30% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) (10 mV)
Manufes of Pur Manufes of Pur Volume of water Jid well go dry? Time 9:40 9:55 0:00	Water Quality N	Actor Type(s) / Sol Total Gallons Removed	Water Lovel (ft TIC) 17.46 17.38	Tamp. (Calcius) [3%]* [72.75	Penstatic Pum Pump Type Samples collect  O 3C 0: BiDINETER pH [0 1 units]:	592 AE SN 98 Sp. Cond. (mS/cm) [3%]*	honorsible Primp ( ALIK SYST thed as evacuation  N 2000 19 8 ( Turbidity (NTU) 160% or 1 NTU!*	) Uther Spe ETA ! SN > SN (specify) DO (mg/l) [10% or 0 1 mg/l] 	ORP (mV)  10 mV  
Manufes of Purification of Wales of Purification of Purifi	information ump Stort Time Pump Rate (Limin.) 0.250 0.150 0.150	7:40  Total Gallons Removed - 0.72(723 0.49533	Water Lovel (ft TIC) 17.49 17.38 17.38	Tamp. (Celcius)  3%]*  72.75  7.72  12.08	Penstaltic Pum Pump Type Samples collect  O O O O O BIDINETEE pH  10 1 units 1 - 7 8 1 - 8 4 1 - 7 8	592 AE SN 98 Sp. Cond. (mS/cm) [3%]*	hinarsible Primp ( ALK SYST thed as evacuation  NT DOO 1986 Turbidity (NTU) (SO'S or 1 NTU)  LO LO LO	OT DO (mg/l) (10% or 0.1 mg/l) 7.56 7.23	ORP (mV)  10 mV  202.9
Time  9:40  9:55  0:05  0:05	Water Quality II  Pump Rate (L/min.)  0.250 0.150 0.150	7:40  Total Gallons Removed - 0.79(723 0.49533 0.69353	Water Lovel (ft TIC) 17.49 17.38 17.38 17.38	Tamp. (Celcius) [3%]*  12.75  17.72  12.08  11.95	Penstatic Pum Pump Type Samples collect  O OSC De BIDINETEE pH  10 1 units)*  10 - 7 8 10 - 8 4 10 - 8 7	592 AE SN 98 Sp. Cond. (mS/cm) [3%]*	honorsible Primp ( ALK SYST mod as evacuation  N 2000 198 ( Turbidity (NTU)	OT DO (mg/l) (10% or 0.1 mg/l) 7.56 7.23 6.59	ORP (mV)  :0 mV   202.9   1 % 8.7
Time  9:40  9:40  9:55  0:05  10:05	Pump Rate (Umin.) 0.150 0.150 0.150	7:40  Total Gallons Removed 0.791723 0.49539 0.69353	Water Lovel (ft TIC) 17.49 17.38 17.38 17.38	Tamp. (Celcius) [3%]*  12.75  17.72  12.08  11.95  11.88	Penstaltic Pum Pump Type Samples collect  O OSC 0.  BIDINETEE pH  10 1 units)*  1	592 AE SN 98 Sp. Cond. (mS/cm) [3%]* - 1.277 1.289 1.292	hinarsible Primp ( ALK SYST incid as evacuation  NT DOO 1986 Turbidity (NTU) (SO'S or 1 NTU)  LO LO SS SS	DO (mg/l) (10% or 0 1 mg/l) (7.56 (7.23 (6.59 (6.67)	ORP (mV)  10 mV  
Time  9:40  9:40  9:55  0:05  10:05	Pump Rate (Lmin.) 0.150 0.150 0.150	7:40  Total Gallons Removed  0.79(723 0.49539 0.69353 0.99169 1.08983	Water Lovel (ft TIC) 17.49 17.38 17.38 17.38 17.38 17.38	Tamp. (Colcius) (3%)* 12.75 17.72 12.08 11.95 11.88	Perstaltic Pum Pump Type Samples collect  O O3C 0: BIDIMETEL pH  [0 1 units]*	MARSCH.  MARSCH.  MARSCH.  MARSCH.  MARSCH.  MARSCM.  MS/Cond.  MS	honorsible Primp ( ALK SYST mod as evacuation  N 2000 198 ( Turbidity (NTU)	OT DO (mg/l) (10% or 0 1 mg/l) 7.56 7.23 6.59 6.67 5.90	ORP (mV)  10 mV  202.9  13.8.7  17.2  1.4.6  161.1
Time  9:40  9:40  9:40  9:40  9:40  9:40  9:40  10:05	Pump Rate (Umin.) 0.150 0.150 0.150	7:40  Total Gallons Removed 0.791723 0.49539 0.69353	Water Lovel (ft TIC) 17.49 17.38 17.38 17.38	Tamp. (Colcius) (3%)* 12.75 17.72 12.08 11.95 11.88 11.81	Perstaltic Pum Pump Type Samples collect  O O3C 0: BIDIMETEL pH  [0 1 units]*	MARSCH.  MARSCH.  MARSCH.  MARSCH.  MARSCH.  MARSCM.  MS/Cond.  (mS/cm)  [3%]*  1.277  1.289  1.292  1.291  1.298  1.298	hinarsible Primp ( ALK SYST incid as evacuation  NT DOO 1986 Turbidity (NTU) (SO'S or 1 NTU)  LO LO SS SS	DO (mg/l) (10% or 0 1 mg/l) 7.56 7.23 6.57 5.90 5.74	ORP (mV)  10 mV  202.9  13 8.7  177.2  1,4.6  161.1  155.0  149.6
Pi AD (0:15) (0:15) (0:25)	Pump Rate (Lmin.) 0.150 0.150 0.150	7:40  Total Gallons Removed  0.79(723 0.49539 0.69353 0.99169 1.08983	Water Lovel (ft TIC) 17.49 17.38 17.38 17.38 17.38 17.38	Tamp. (Colcius) (3%)' 12.75 17.72 12.08 11.95 11.81	Perstaltic Pum Pump Type Samples collect  O O3C 0: BIDIMETEL pH  [0 1 units]*	MARSCH.  MARSCH.  MARSCH.  MARSCH.  MARSCH.  MARSCM.  MS/Cond.  MS	honorsible Primp ( ALK SYST inced as evacuation  NTUDO 1986  Turbidity  (NTU)  [50% or 1 NTU]*  [6  5  5  4	DO (mg/l) (10% or 0 1 mg/l) (-23 6.59 6.67 5.44 5.44	ORP (mV)  10 mV  202.9  1 % 8.  177.2  1.4 %  161.1  155.0  149.6  149.6
Time  9:40 9:55 0:00 0:15 10:25 10:30	Pump Rate (Limin.) 0.150 0.150 0.150 0.150	7:40  Total Gallons Removed  0.79(723 0.49539 0.69353 0.99169 1.08983 1.28798 1.486 1.486	Water Lovel (ft TIC) 17. 410 17. 38 17. 38 17. 38 17. 38 17. 38 17. 38	Tamp. (Colcius) (3%)' 12.75 17.72 12.08 11.95 11.81	Perstaltic Pum Pump Type Samples collect  O O3C 0: BIDIMETEL pH  [0 1 units]*	MARSCH.  MARSCH.  MARSCH.  MARSCH.  MARSCH.  MARSCM.  MS/Cond.  (mS/cm)  [3%]*  1.277  1.289  1.292  1.291  1.298  1.298	honorsible Primp ( ALK SYST inced as evacuation  NTUDO 1986  Turbidity  (NTU)  [50% or 1 NTU]*  [6  5  5  4	DO (mg/l) (10% or 0 1 mg/l) 7.56 7.23 6.57 5.90 5.74	ORP (mV)  10 mV  202.9  138.7  17.2  1.4 %  161.1  155.0  149.6  144.9
Time  9:40 9:40 9:40 9:40 9:40 9:40 9:55 0:05 10:15 10:25 10:25 10:35	Pump Rate (Limin.) 0.150 0.150 0.150 0.150 0.150 0.150 0.150	7:40  Total Gallons Removed  0.79(723 0.49539 0.69353 0.99169 1.08983 1.28798 1.486 1.6894	Water Lovel (ft.TIC) 17.450 17.38 17.38 17.38 17.38 17.38	Tamp. (Colcius) (3%)' 12.75 17.72 12.08 11.95 11.81 11.77 (1.72	Perstaltic Pum Pump Type Samples collect  O O3C 0: BIDIMETEL pH  [0 1 units]*	MARSCH.  MARSCH.  MARSCH.  MARSCH.  MARSCH.  MARSCM.  MS/Cond.  MS	hinarsible Primp ( ALK SYST incid as evacuation  NT DOO 1986 Turbidity (NTU) (SO'S or 1 NTU)  LO LO SS SS	DO (mg/l) (10% or 0 1 mg/l) (-23 6.59 6.67 5.44 5.44	ORP (mV)  10 mV  202.9  1.4.6  155.0  149.6  147.9  134.1
Pi Pi Manutes of Pur /olumo of water /olumo of	Pump Rate (Limin.) 0.150 0.150 0.150 0.150	7:40  Total Gallons Removed  0.79(723 0.49539 0.69353 0.99169 1.08983 1.28798 1.486 1.6894 1.882	Water Lovel (#170) 17.40 17.38 17.38 17.38 17.38 17.38 17.39 17.38	Tamp. (Colcius) (3%)' 12.75 17.72 12.08 11.95 11.81 11.77 (1.72	Perstaltic Pum Pump Type Samples collect  O O3C 0: BIDINETEL pH  [0 1 units]*	MARSCH.  MARSCH.  MARSCH.  MARSCH.  MARSCH.  MARSCM.  MS/COM.  [3%]*  1.277  1.284  1.292  1.291  1.298  1.298  1.299  1.299	honorsible Primp ( ALK SYST inced as evacuation  NTUDO 1986  Turbidity  (NTU)  [50% or 1 NTU]*  [6  5  5  4	DO (mg/l) (10% or 0 1 mg/l) (	ORP (mV)  10 mV   202.9  13 8.7  177.2  1.4.6  161.1  155.0  149.6  149.6

Well No.	amal-	-12		- · · · · · · · · · · · · · · · · · · ·	#GMA Name	GE PITT			
Key No.	_NA_			- Sampli		GAR/KLI			
	kground (ppm)	0		<del></del>	Date	10/15/			
Well He	adspace (ppm)	0		<del>-</del> 2	Weather	OVERCA	57 1		
ELL INFOR	MATION	15					Sample Time	11:15	
Referenc	e Point Marked?	(X) N		0			Sample ID (	SMA1-13	
Height of	Reference Point	190	Meas. From	GROUND			Duplicate IO	_	
	Well Diameter	24	6				MS/MSD	;	
	en Interval Depth	15-25		GILDWID			Split Sample ID	25-GW0000	46-0-3
W	ater Table Depth		Meas, From	_TIC					
	Well Depth	27.28	Meas From	TIC		Required	Analytical (	Parameters:	Collected
Length	of Water Column					X	VOCs (	Std. list)	1/1
Valume	of Water in Well	1.6150	al			1 )	VOCs	(Exp.list)	( )
Intake Dept	h of pump/tubing	22.5'	Meas From	TC		( × )	SV	OCs .	1 × 1
						( × 1	PCBs	(Total)	121
eference Poi	nt Identification					( 🗙 )	PCBs (C	Dissolved)	121
C. Top of In	ner (PVC) casing					1 10 1	Metalsrin	org (Total)	121
	outer (protective)					1 4 1	Mothis/Inorg	(Dissolved)	141
	Ground Surface					1 🗶 1		s/PCDFs	1 1
and the second second						1 1		VHerb	1
edavelop?	YN					1 1		Menustian	1 1
						- A		(Specify)	7 1
VACUATION	NINFORMATION					25 2			
- 18	Pump Start Time	9:40							
	Pump Stop Time		-		Evacuation Mo	thed Bider f	: Eltraddar Pa	mp ( <b>X</b> .)	
denuters of Po					Penstallic Pum	10 ) Su	omersible Primp (	DESTRUCTION OF THE PROPERTY OF	city ( )
	N. S. C. S. C. C. C. S. M. S.		-				4 C1000	and the second second	
Joiume of wal	ter removed				Pump Type	MAKSTAID	1 K 375161	7) [	
			4			MAKSCHA and by same me	rice S.A.S.E.A.		
Valume of wal Did well go dr	λ5. A QQ	Autor Type(s) / S	Senut Nombors		Samples collec	and by same me	ithoid as evaquation	· • Nispecity)	
	y? Y 🐧 Writer Quality N	100		HACH -	Samples collection 030 TURBIOL	0392A METER	9812000	· • Nispecity)	ORP
did well go dr	y? Y 🐧 Water Quality N	Total	Water	HACH Temp.	Samples collec	0392AI METER Sp. Cond.	9812000 Turbidity	9 Nispecity)	ORP
	Water Quality N	Total Gallons	Water Level	Temp. (Colclus)	Samples collection 030	O3 92At METER Sp. Cond. (mS/cm)	9812000 Turbidity (NTU)	9 Nepecty) 19 807 00 (mg/l)	ORP (mV)
lid well go dr	Water Quality N Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Colclus)	5. amples collection 030 TURB. 01 pH [0.1 units]*	O3 92AI MOTER Sp. Cond. (mS/cm) [3%]	981200C Turbidity (NTU)	9 Neperaly) 19 507 00 (mg/l) (10% or 0.1 ing/l)	ORP {mV} [t0 mV]*
Time	Water Quality N Pump Rate (L/min.)	Total Gallons Removed 2. 400	Water Level (fi TIC) 17.57	HACH Temp. (Colclus)  3% - //- 7 2	5.amples collection 030 TURBIOI pH [0.1 units]*	O3 92AI MOTER Sp. Cond. (mS/cm) [3%]*	PB12 OOC Turbidity (NTU) (10% or 1 NTU)	9 Neperaly) 19 807 00 (mg/l) (10% or 0.1 ing/l) 5-56	(mV) [10 mV]*
Time	Water Quality N Pump Rate (L/min.)	Total Gallons Removed 2- YOD 2-515	Water Level (fi TIC) 17.57 17.38	HACH Temp. (Colclus)  3%  //- 7 \( \) //- 6 7	5.amples collection 030 TURB.01 pH [0.1 units] 6.94 6.96	03 92AI MOTEL Sp. Cond. (mS/cm) [3%]* /-300 /-300	9812000 Turbidity (NTU) [10% or 1 NTU]*	9 Neperaly) 19 807 00 (mg/l) (10% or 0.1 ing/l) 5-56 5.55	ORP (mV) [10 mV)* 76.1
Time 10:48	Water Quality N Pump Rate (Limin.) O.15-D O.15-D	Total Gallons Removed 2. YOD 2.519 2.637	Water Level (ft TIC) 17.57 17.38 17.39	HACH Temp. (Colclus)  3%  11-72 11-67	5.amples collection 030 TURB. 01 pH [0.1 units]* 6.94 6.96 6.97	03 92 AI METEL Sp. Cond. (mS/cm) [3%] 7.300 7.300	PRIZODO Turbidity (NTU) (10% or 1 NTU) 2	9 Nepecty) 9 19 807 00 (mg/l) 10% or 0.1 mg/l) 5°.56 5°.55' 5-5'	ORP (mV) [10 mV]* 76.1 62.7 52.0
Time 10:48	Water Quality N Pump Rate (L/min.)	Total Gallons Removed 2. 400 2.515 2.637 2.758	Water Level (ft TIC) 17.37 17.38 17.39 17.38	HACH Temp. (Celclus)  3% -  1.72.  1.67  1.67	5.amples collection 0.30 TURB.OI pH [0.1 units] 6.94 6.96 6.97 6.77	03 92AI MOTEL Sp. Cond. (mS/cm) [3%] 7.300 7.300 7.300	POLY OF STATES	19807 00 (mg/l) [10% or 0.1 mg/l]* 5°.56 5°.55 5°.55 5°.55	ORP (mV) [10 mV]* 76.1 62.7 52.0
Time  10:48  10:57  10:57  10:57	Water Quality N Pump Rate (Limin.) O.15-D O.15-D	Total Gallons Removed 2- 400 2-515 2-637 2-758 2-875	Water Level (ft TIC) 17.37 17.38 17.39 17.38	HACH Temp. (Celclus)  3% -  11-72  11-67  11-67  11-64	5. amples collection 0.3 CTURB, Oi. pH [0.1 units]* 6.94 6.96 6.97 6.17 6.18	03 92AI MOTEL Sp. Cond. (mS/cm) [3%] 7.300 7.300 7.300 7.300 7.300	PRIZOCO Turbidity (NTU) (10% or 1 NTU) 2 2 2 1 2	19807 00 (mg/l) [10% or 0.1 mg/l] 5°.56 5°.55 5°.55 5°.55	ORP (mV) [10 mV]* 76.1 62.7 52.0 40.1 27.5
Time  10:48  10:57  10:57  10:57	Pump Rate (L/min.)  0.150	Total Gallons Removed 2. 400 2.515 2.515 2.758 2.875 2.949	Water Level (ft TIC) 17.37 17.38 17.39 17.38	HACH Temp. (Celclus)  3% -  11.72  11.67  11.67  11.64  11.66	5. amples collection 0.3 CTURB. Oi. pH (0.1 unus) 6.94 6.96 6.97 6.98 6.98	03 92AI  MOTEL  Sp. Cond. (mS/cm) [3%]  7.300  7.300  7.300  7.300  7.300  7.300	PRIZODO  Turbidity (NTU) (10% or 1 NTU)  2 2 1 2 1 2	19807 00 (mg/l) [10% or 0.1 mg/l] 5-56 5-57 5-57 5-52 5-57	ORP (mV) [10 mV]* 76.1 62.7 52.0 40.1 28.5
Time  10:48  10:51  10:54  10:54  10:54  10:54  10:54  10:55	Pump Rate (L/min.)  0.150 0.150 0.150	Total Gallons Removed 2- 400 2-515 2-637 2-758 2-875	Water Level (ft TIC) 17.37 17.38 17.38 17.38 17.38 17.38	HACH Temp. (Celclus)  3% -  11-72  11-67  11-67  11-64	5.amples collection 030 TURB.O. pH [0.1 units]* 6.94 6.96 6.97 6.97 6.98 6.98	03 92AI MOTEL Sp. Cond. (mS/cm) [3%] 7.300 7.300 7.300 7.300 7.300	PRIZOCO Turbidity (NTU) (10% or 1 NTU) 2 2 2 1 2	9 Negocity 19 807 00 (mg/l) 10% or 0.1 (mg/l) 5°-56 5°-55 5'-57 5'-52 5'-57 5'-57	ORP (mV) [10 mV] 76.1 62.7 52.0 40.1 28.5 20.3 15.5
Time  10:48  10:57  10:59  10:59  11:00	Pump Rate (L/min.)  0.150 0.150 0.150	Total Gallons Removed 2. 400 2.515 2.515 2.758 2.875 2.949	Water Level (ft TIC) 17.37 17.38 17.38 17.38 17.38	HACH Temp. (Celclus)  3% -  11.72  11.67  11.67  11.64  11.66	5. amples collection 0.3 CTURB. Oi. pH (0.1 unus) 6.94 6.96 6.97 6.98 6.98	03 92AI  MOTEL  Sp. Cond. (mS/cm) [3%]  7.300  7.300  7.300  7.300  7.300  7.300	PRIZODO  Turbidity (NTU) (10% or 1 NTU)  2 2 1 2 1 2	19807 00 (mg/l) [10% or 0.1 mg/l] 5-56 5-57 5-57 5-52 5-57	ORP (mV) [10 mV]* 76.1 62.7 52.0 40.1 27.5 20.3 15.5
Time  10:48 0:51 0:59 0:59 10:03 11:00 11:05	Pump Rate (L/min.)  0.150 0.150 0.150 0.150 0.150	Total Gallons Removed 2. 400 2.515 2.537 2.758 2.875 2.975 3.117	Water Level (ft TIC) 17.38 17.38 17.38 17.38 17.38 17.38 17.39	HACH Temp. (Celclus) [3%] 11.7 Z 11.67 11.67 11.67 11.64 11.66 11.66	5.amples collection 030 TURB.O. pH [0.1 units]* 6.94 6.96 6.97 6.97 6.98 6.98	03 92AI MOTEL Sp. Cond. (mS/cm) [3%]* 7.300 7.300 7.300 7.300 7.300 7.300 7.300 7.300 7.300 7.300	PRIZODO  Turbidity (NTU) (10% or 1 NTU)  2 2 1 2 1 2	9 Negocity 19807 00 (mg/l) 10% or 0.1 mg/l) 5.56 5.55 5.57 5.57 5.57 5.57 5.57	ORP (mV) [10 mV] 76.1 62.7 52.0 40.1 28.5 20.3 15.5
Time  10:48 10:51 10:59 10:59 11:03 11:00 11:05	Pump Rate (L/min.)  0.150 0.150 0.150 0.150 0.150 0.150	Total Gallons Removed Z- YOD Z-515 2-637 Z-758 Z-875 Z-975 Z-118 3-238 3-358	Water Level (ft TIC) 17.38 17.38 17.38 17.38 17.38 17.38 17.39 17.39	HACH Temp. (Celclus) [3%] 11.72 11.67 11.67 11.67 11.64 11.66 11.64	5. amples collection of the co	03 92AI MOTEL Sp. Cond. (mS/cm) [3%]* /-300 /-300 /-300 /-300 /-300 /-300 /-300 /-300 /-300 /-300 /-300	PRIZODO  Turbidity (NTU) (10% or 1 NTU)  2 2 1 2 1 2	9 Negocity) 19807 00 (mg/l) (10% or 0.1 mg/l) 5-56 5-55 5-57 5-57 5-57 5-57 5-57 5-57	ORP (mV) [10 mV]* 76.1 62.7 52.0 40.1 28.5 20.3 15.5
Time  10:48  10:51  10:59  10:59  11:00  11:05  11:05	Pump Rate (L/min.)  0.150 0.150 0.150 0.150 0.150	Total Gallons Removed Z. 490 Z. 515 Z. 537 Z. 758 Z. 875 Z. 975 Z. 117 Z. 123	Water Level (ft TIC) 17.38 17.38 17.38 17.38 17.38 17.38 17.39	HACH Temp. (Celclus) [3%] 11.72 11.67 11.67 11.64 11.66 11.65 11.64 11.63	5. amples collection 030 TURB, 01 pH  [0.1 units]* 6.94 6.96 6.97 6.98 6.98 6.98 6.98 7.00	03 92AI MOTEL Sp. Cond. (mS/cm) [3%]* /-300 /-300 /-300 /-300 /-300 /-300 /-300 /-300 /-300 /-300 /-300 /-300 /-300 /-300	POLZ OOC Turbidity (NTU) (10% or 1 NTU) 2 2 1 2 1 2 1	9 Negocity 19807 00 (mg/l) 10% or 0.1 mg/l) 5.56 5.55 5.57 5.57 5.57 5.57 5.57	ORP (mV) [10 mV]* 76.1 62.7 52.0 40.1 28.5 20.0 15.5 10.0 6.0
Old well Ga dr	Pump Rate (L/min.)  0.150 0.150 0.150 0.150 0.150 0.150	Total Gallons Removed Z- YOD Z-515 2-637 Z-758 Z-875 Z-975 Z-118 3-238 3-358	Water Level (ft TIC) 17.38 17.38 17.38 17.38 17.38 17.38 17.39 17.39	HACH Temp. (Celclus) [3%] 11.72 11.67 11.67 11.64 11.66 11.65 11.64 11.63	5. amples collection 030 TURB, 01 pH  [0.1 units]* 6.94 6.96 6.97 6.98 6.98 6.98 6.98 7.00	03 92AI MOTEL Sp. Cond. (mS/cm) [3%]* /-300 /-300 /-300 /-300 /-300 /-300 /-300 /-300 /-300 /-300 /-300 /-300 /-300 /-300	POLZ OOC Turbidity (NTU) (10% or 1 NTU) 2 2 1 2 1 2 1	9 Negocity 19807 00 (mg/l) 10% or 0.1 mg/l) 5.56 5.55 5.57 5.57 5.57 5.57 5.57	ORP (mV) [10 mV] 76.1 62.7 52.0 40.1 28.5 20.0 15.5 10.0 6.0
Time  10:48  10:51  10:54  10:54  10:55  11:05  11:15	Pump Rate (L/min.)  0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150	Total Gallons Removed Z- YOD Z-515 Z-537 Z-758 Z-875 Z-979 3-119 3-238 3-358 3-475	Water Level (ft TIC) 17.38 17.38 17.38 17.38 17.38 17.39 17.39 17.39	HACH Temp. (Celclus) [3%] 11-72 11-67 11-67 11-69 11-64 11-63 11-61	5. amples collection 030 TURB, 01 pH [0.1 units]* 6.94 6.96 6.97 6.98 6.98 6.98 6.98 6.98 7.00 7.00	1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300	POLZ OOC Turbidity (NTU) (10% or 1 NTU) 2 2 1 2 1 2 1	9 Negocity 19807 00 (mg/l) (10% or 0.1 mg/l) 5-56 5-55 5-57 5-57 5-57 5-57 5-57 5-57	ORP (mV) [10 mV]* 76.1 62.7 52.0 40.1 28.5 20.0 15.5 10.0 6.0
Time  10:48 10:51 10:54 10:54 10:54 11:55 11:15	Pump Rate (L/min.)  0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150	Total Gallons Removed Z-YOD 2-519 2-539 2-758 2-875 2-949 3-119 3-238 3-358 3-478	Water Level (fi TIC) 17.37 17.38 17.38 17.38 17.38 17.38 17.38 17.38 17.38 17.38	HACH Temp. (Celclus) [3%] 11-72 11-67 11-67 11-69 11-64 11-63 11-61	5. amples collection 030 TURB, 01 pH [0.1 units]* 6.94 6.96 6.97 6.98 6.98 6.98 6.98 6.98 7.00 7.00	1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300	POLZ OOC Turbidity (NTU) (10% or 1 NTU) 2 2 1 2 1 2 1	9 Negocity 19807 00 (mg/l) (10% or 0.1 mg/l) 5-56 5-55 5-57 5-57 5-57 5-57 5-57 5-57	ORP (mV) [10 mV]* 76.1 62.7 52.0 40.1 28.5 20.0 15.5 10.0 6.0
Time  10:48 10:51 10:54 10:54 10:54 11:55 11:15	Pump Rate (L/min.)  0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150	Total Gallons Removed Z-YOD 2-519 2-539 2-758 2-875 2-949 3-119 3-238 3-358 3-478	Water Level (fi TIC) 17.37 17.38 17.38 17.38 17.38 17.38 17.38 17.38 17.38 17.38	HACH Temp. (Celclus) [3%] 11-72 11-67 11-67 11-69 11-64 11-63 11-61	5. amples collection 030 TURB, 01 pH [0.1 units]* 6.94 6.96 6.97 6.98 6.98 6.98 6.98 6.98 7.00 7.00	1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300	POLZ OOC Turbidity (NTU) (10% or 1 NTU) 2 2 1 2 1 2 1	9 Negocity 19807 00 (mg/l) (10% or 0.1 mg/l) 5-56 5-55 5-57 5-57 5-57 5-57 5-57 5-57	ORP (mV) [10 mV] 76.1 6 2.7 5 2.0 40.1 28.5 7 0 0 6.0
Time  10:48 10:51 10:54 10:54 10:54 11:55 11:15	Pump Rate (L/min.)  0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150	Total Gallons Removed Z-YOD 2-519 2-539 2-758 2-875 2-949 3-119 3-238 3-358 3-478	Water Level (fi TIC) 17.37 17.38 17.38 17.38 17.38 17.38 17.38 17.38 17.38 17.38	HACH Temp. (Celclus) [3%] 11-72 11-67 11-67 11-69 11-64 11-63 11-61	5. amples collection 030 TURB, 01 pH [0.1 units]* 6.94 6.96 6.97 6.98 6.98 6.98 6.98 6.98 7.00 7.00	1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300	POLZ OOC Turbidity (NTU) (10% or 1 NTU) 2 2 1 2 1 2 1	9 Negocity 19807 00 (mg/l) (10% or 0.1 mg/l) 5-56 5-55 5-57 5-57 5-57 5-57 5-57 5-57	ORP (mV) [10 mV] 76.1 6 2.7 5 2.0 40.1 28.5 7 0 0 6.0
Time  Time  10:48  10:57  10:59  11:00  11:05  The stabilize	Pump Rate (L/min.)  0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150	Total Gallons Removed Z-YOD 2-519 2-539 2-758 2-875 2-949 3-119 3-238 3-358 3-478	Water Level (fi TIC) 17.37 17.38 17.38 17.38 17.38 17.38 17.38 17.38 17.38 17.38	HACH Temp. (Celclus) [3%] 11-72 11-67 11-67 11-69 11-64 11-63 11-61	5. amples collection 030 TURB, 01 pH [0.1 units]* 6.94 6.96 6.97 6.98 6.98 6.98 6.98 6.98 7.00 7.00	1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300	POLZ OOC Turbidity (NTU) (10% or 1 NTU) 2 2 1 2 1 2 1	9 Negocity 19807 00 (mg/l) (10% or 0.1 mg/l) 5-56 5-55 5-57 5-57 5-57 5-57 5-57 5-57	ORP (mV) [10 mV]* 76.1 62.7 52.0 40.1 28.5 20.0 15.5 10.0 6.0
Time  10:48  10:51  10:59  11:00  11:15  The stabilized	Pump Rate (Limin.)  0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150	Total Gallons Removed Z-YOD 2-519 2-539 2-758 2-875 2-949 3-119 3-238 3-358 3-478	Water Level (fi TIC) 17.37 17.38 17.38 17.38 17.38 17.38 17.38 17.38 17.38 17.38	HACH Temp. (Celclus) [3%] 11-72 11-67 11-67 11-69 11-64 11-63 11-61	5. amples collection 030 TURB, 01 pH [0.1 units]* 6.94 6.96 6.97 6.98 6.98 6.98 6.98 6.98 7.00 7.00	1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300	P\$12 o OC Turbidity (NTU) (10% or 1 NTU) 2 2 1 2 1 1 1 1 als) is listed in each	(mg/l) 19807 00 (mg/l) 10% or 0.1 mg/l) 5.56 5.55 5.57 5.52 5.57 5.57 5.57 5.57 5.57	ORP (mV) [10 mV] 76.1 6 7 7 5 2.0 40.1 27.5 20.3 15.5 10.0 6.0 3.1
Time  Time  10:48  10:57  10:59  11:00  11:05  The stabilize OBSERVATION  SAMPLE DE	Pump Rate (L/min.)  O.150  O.1	Total Gallons Removed Z-YOD 2-519 2-539 2-758 2-875 2-949 3-119 3-238 3-358 3-478	Water Level (fi TIC) 17.37 17.38 17.38 17.38 17.38 17.38 17.38 17.38 17.38 17.38	HACH Temp. (Celclus) [3%] 11-72 11-67 11-67 11-69 11-64 11-63 11-61	5. amples collection 030 TURB, 01 pH [0.1 units]* 6.94 6.96 6.97 6.98 6.98 6.98 6.98 6.98 7.00 7.00	1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300	P\$12 o OC Turbidity (NTU) (10% or 1 NTU) 2 2 1 2 1 1 1 1 als) is listed in each	(mg/l) 19807 00 (mg/l) 10% or 0.1 mg/l) 5.56 5.55 5.57 5.52 5.57 5.57 5.57 5.57 5.57	ORP (mV) [10 mV] 76.1 6 7 7 5 2.0 40.1 27.5 20.3 15.5 10.0 6.0 3.1
Time  Time  IO: 48  IO: 57  IO: 59  IO: 50  IO	Pump Rate (L/min.)  O.150	Total Gallons Removed Z-YOD 2-519 2-539 2-758 2-875 2-949 3-119 3-238 3-358 3-478	Water Level (fi TIC) 17.37 17.38 17.38 17.38 17.38 17.38 17.38 17.38 17.38 17.38	HACH Temp. (Celclus) [3%] 11-72 11-67 11-67 11-69 11-64 11-63 11-61	5. amples collection 030 TURB, 01 pH [0.1 units]* 6.94 6.96 6.97 6.98 6.98 6.98 6.98 6.98 7.00 7.00	1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300	P\$12 o OC Turbidity (NTU) (10% or 1 NTU) 2 2 1 2 1 1 1 1 als) is listed in each	(mg/l) 19807 00 (mg/l) 10% or 0.1 mg/l) 5.56 5.55 5.57 5.52 5.57 5.57 5.57 5.57 5.57	ORP (mV) [10 mV] 76.1 6 7.7 5 2.0 40.1 27.5 20.3 15.5 10.0 6.0 3.1
Time	Pump Rate (L/min.)  O.150  O.1	Total Gallons Removed Z-YOD 2-519 2-539 2-758 2-875 2-949 3-119 3-238 3-358 3-478	Water Level (fi TIC) 17.37 17.38 17.38 17.38 17.38 17.38 17.38 17.38 17.38 17.38	HACH Temp. (Celclus) [3%] 11-72 11-67 11-67 11-69 11-64 11-63 11-61	5.amples collected at 3- to	1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300	P\$12 o OC Turbidity (NTU) (10% or 1 NTU) 2 2 1 2 1 1 1 1 als) is listed in each	9 Negocity 19807 00 (mg/l) (10% or 0.1 mg/l) 5-56 5-55 5-57 5-57 5-57 5-57 5-57 5-57	ORP (mV) [10 mV] 76.1 6 7 7 5 2.0 40.1 27.5 20.3 15.5 10.0 6.0 3.1

Well No.	FX-37			_ Sit		12.4		GMA-1	
130000000000000000000000000000000000000		1000		Sampl	ing Personnel	GAR			
	kground (ppm)	_0		-		10/16/03			
Well He	adspace (ppm)	_0		<del>=</del>	Weather	Clary s	0-550F		
VELL INFORM	MATION						Sample Time	17:05	
Referenc	e Point Marked?	(V) N						HR-GI-MU	1-1
	Reference Point	The second secon	Meas. From	Ground			Duplicate ID		V -2
1,12,211, 01	Well Diameter		William Tream	STOWNS			MS/MSD		
Carn	en Interval Depth		- Meas From	Grannel					
	ater Table Depth		weas_From Meas_From				Split Sample ID		
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intake depu	h of pump/lubing	12' '	_Meas From	TIL	*	1 1		OCs .	1 u
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rnde/BGS (	Ground Surface					1. 1		SPCDFs	X 31
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VACUATION	INFORMATION	1	016020			7	otal & Fil	Hered Mer	* 1
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F	Pump Stap Time	12:15	FT-		Eventuation Met	ttest Banur (	) Bladder Pr	ump (X)	
Amates of Pu	retroppy	60			Perstallic Puri	ay ( ) Si	ibmersible Pamp (	) Other/Spe	city ( )
CATHERD AND CASE AND COLUMN	1174211111								
Zulamn of wat		1.5 = 1/0	nı		Comp Type	Marso	holk Syster	n one	
few to proclar	er removed 77 Y D	1. 5 g . 1/0.		V51-55	Sumples cyllec	ted by suche me	holk System thad as evacuation > AF	The second secon	
	or roominyed 17 Y D  Water Quality 6	delen Typo(s) / 3	Sanal Numbers	Hach Tu	5. amples civiled 6 MPS - 6 - bidinete	ted by such a me 7 7 C O 3 9 7 - O 2 O 2	thed as evacuation  2. A.E	7 ( N(specify)	
falsing of wat Jid will go dry	Water Quality &	Melen Typo(s) / 2	Sonal Numbers Water	Hach Tu Temp.	Samples collect	ted by such a me 2 3 C O 3 9 2 - O 2 O 2 3 Sp. Cond.	thed as evacuation  AE  ODD 25 3 76  Turbidity	7 (Y) N(specify)	ORP
few to proclar	Water Quality N	Total Gaillons	Sonal Numbers Water Level	Hach To Temp. (Colclus)	Samples civiled  GMPS - C  -Lidinate  pH	7 7 C O 3 9  7 - O 2 O 2  Sp. Cond. (mS/cm)	thod as evacuation  2. A.E.  000 2.5.3.76  Turbidity  (NTU)	7 ( N(specify) 00 (mg/l)	ORP (mV)
falame of wat hid well go dry Time	Water Quality &	John Typo(s) / 5 Total Gallons Removed	Sanal Numbers Water Level (II TIC)	Hach Tu Temp. (Celclus) [3%]*	Sumplies collects  GMPS - G  - Lidinets  pH  [0.1 anals]	7 C O J 9  - O Z O Z  Sp. Cond.  (mS/cm)  [3%]*	thod as evacuation  2 A E  000 2 5 3 76  Turbidity  (NTU)  [16% or 1 NTU]*	7 (V) N(specify) 00 (mg/l) [10% or 0.1 mg/l]	ORP (mV)
falsame of wait Jid well go dry Time	Water Quality N	Total Gaillons	Sanal Numbers  Water Level (h TIC)  3-58	Hach Tu Temp. (Colclus) [3%]*	Samples civiled  GMPS - C  -Lidinate  pH	7 7 C O 3 9  7 - O 2 O 2  Sp. Cond. (mS/cm)	thod as evacuation  2 A E  000 2 5 3 76  Turbidity  (NTU)  [10% or 1 NTU]*	7 ( N(specify) 00 (mg/l)	ORP (mV) [10 mV]*
falama of wat bid well go dry Time:	Water Quality & Pump Rate (Umln.)	Total Gallons Removed	Water Level (h TIC) 3-58 3, 57	Hach To Temp. (Colclus) [D%]	Sumplies collects  GMP1 - G  - Lidimets  pH  [0.1 ands]	7 C O 3 9 - 0 Z O Z Sp. Cond. (mS/cm) [3%]*	thod as evacuation  2 AE  000 25 3 76  Turbidity  (NTU)  [10°s or 1 NTU]*  20  //	7 (V) N(specify) 00 (mg/l) (10% or 0.1 mgs)	ORP (mv) [10 mv]*
Time  //: /8  //: 25	Water Quality & Pump Rate (Umin.)	Total Gallons Removed  0.33 0.46	Water Level (h TIC) 3.58 3.57	Hach To Temp. (Colclus)	Sumples collects  GMP1 - G  - Lidimets  pH  [0.1 units]*	7 7 C 0 3 9 7 - 0 Z 0 2 Sp. Cond. (mS/cm) [3%]*	thod as evacuation  2 A E  000 2 5 3 76  Turbidity  (NTU)  [10* or 1 NTU]*  2 0  //  9	00 (mg/l) [10% or 0.1 mg/l]	ORP (mV) [10 mV]" —
Time  //: /8  //: 25	Water Quality & Pump Rate (Umin.) 150m1	Total Gallons Removed	Water Level (h TIC) 3 · 5 8 3 · 5 7 3 · 5 7	Hach Tu Temp. (Colclus) [19%]	5. unplus called G MPS - C - Lidimets pH [0.1 unus]*	7 7 C 0 7 9 7 - 0 Z 0 2 Sp. Cond. (mS/cm) [3%]* 0.7/3 0.7/20	thod as evacuation  2 A E  000 2 5 3 76  Turbidity  [NTU]  [10*5 or 1 NTU]*  2 0  //  //  9	00 (mg/l) [10% or 0.1 mg/l]	ORP (mV) [10 mV]" 
Time: //: /8 //: 30 //: 35	Pump Rate (Umin.) 150m1 100	Total Gallons Removed  0.33 0.46	Water Level (h TIC) 3.58 3.57	Hach Tu Temp. (Colclus) [19%]	5. unplus called G MPS - C - Lidimets pH [0.1 unds]*	7 7 C 0 7 9 7 - 0 Z 0 2 Sp. Cond. (mS/cm) [3%]* 	### and the second an	00 (mg/l) [10% or 0.1 mg/l]	ORP (mV) [10 mV]" -37.8 -61.0 -67.5
Time: //: /8 //: 30 //: 35	Pump Rate (Umin.) 150m 100 100	Total Gallons Removed  0.33 0.46 0.59	Water Level (h TIC) 3 · 5 8 3 · 5 7 3 · 5 7	Hach Tu Temp. (Colclus) [19%]	5. unplus called G MPS - C - Lidimets pH [0.1 unus]*	7 7 C 0 7 9 7 - 0 Z 0 2 Sp. Cond. (mS/cm) [3%]* 0.7/3 0.7/20	thod as evacuation  2 A E  000 2 5 3 76  Turbidity  [NTU]  [10*5 or 1 NTU]*  2 0  //  //  9	00 (mg/l) [10% or 0.1 mg/l]	ORP (mV) [10 mV]" -37.8 -61.0 -67.5 -71.0
Time  //: /8  //: 25  //: 30  //: 45	Pump Rate (Lmin.)  150m 100 100 100	Total Gallons Removed  0.33 0.46 0.59 0.72 0.85	Water Level (h TIC) 3 · 5 8 3 · 5 7 3 · 5 7 3 · 5 7 3 · 5 7	Hach Tu Temp. (Colclus) [19%]	5. unplus called G MPS - C - Lidimets pH [0.1 unds]*	7 7 C 0 7 9 7 - 0 Z 0 2 Sp. Cond. (mS/cm) [3%]* 	### at the distribution of	9.60 3.36 3.24 3.22	ORP (mV) [10 mV] - -37.8 -61.0 -67.5 -71.0
Time  //: /8  //: 25  //: 30  //: 45  //: 50	Pump Rate (Lmin.) 150m 100 100	Total Gallons Removed  0.33 0.46 0.59	Water Level (h TIC) 3.57 3.57 3.57 3.57 3.57	Hach Tu Temp. (Colclus) [3%]  - 14.36 14.10 13.97 13.99 13.80	5. amples civiliano  G MPS - C  - Lidi meto  pH  [0.1 ands]*	7 7 0 7 7 8 0 7 8	### and the second an	7 (7) N(specify)  10% or 0.1 mg/l	ORP (mV) [10 mV]" -37.8 -61.0 -67.5 -71.0
Time  //: /8  //: 25  //: 30  //: 45  //: 55	Pump Rate (Limin.) 150m 100 100 100 100 100	Total Gallons Removed  0.33 0.46 0.59 0.72 0.85 0.98	Water Level (h TIG) 3 · 5 ? 3 · 5 ?	Hach To Temp. (Colclus) [3%] - 14.36 14-10 13.97 13.99	5. amples civilize  G MPS - C  - Lidi mets  pH  [0.1 ands]*	7 7 C 0 7 9 7 - 0 Z 0 2 8 p. Cond. (mS/cm) [3%]*	### and the second an	9.60 3.36 3.24 3.22	ORP (mV) [10 mV] - -37.8 -61.0 -67.5 -71.0
Time  //: /8  //: 25  //: 30  //: 45  //: 55	Pump Rate (Umin.) 150m 100 100 100 100 100 100 100 100	Total Gallons Removed  0.33 0.46 0.72 0.85 0.98 1.11	Water Level (h TIC) 3.57 3.57 3.57 3.57 3.57	Hach To Temp. (Colclus) [3%] - 14.36 14-10 13.97 13.99 13.73	5. unplus called G MPS - C - Lide mets pH [0.1 units]*	7 CO 3 9 7 - O Z O 2 5 p. Cond. (mS/cm)   3%/r	### and the control of the control o	7 (V) N(specify)  10% or 0.1 mg/l	ORP (mV) 1:0 mV; - -37.8 -61.0 -67.5 -71.0 -20.0
Time  //: /8  //: 25  //: 30  //: 45  //: 55	Pump Rate (Umin.) 150m 100 100 100 100 100 100 100 100	Total Gallons Removed  0.33 0.46 0.72 0.85 0.98 1.11	Water Level (h TIG) 3 · 5 ? 3 · 5 ?	Hach To Temp. (Colclus) [3%] - 14.36 14-10 13.97 13.99 13.73	5. unplus called G MPS - C - Lide mets pH [0.1 units]*	7 CO 3 9 7 - O Z O 2 5 p. Cond. (mS/cm)   3%/r	### and the control of the control o	7 (V) N(specify)  10% or 0.1 mg/l	ORP (mV) 1:0 mV; - -37.8 -61.0 -67.5 -71.0 -20.0
Adama of wat Jid well go dry Time	Pump Rate (Umin.) 150m 100 100 100 100 100 100 100 100	Total Gallons Removed  0.33 0.46 0.72 0.85 0.98 1.11	Water Level (h TIG) 3 · 5 ? 3 · 5 ?	Hach To Temp. (Colclus) [3%] - 14.36 14-10 13.97 13.99 13.73	5. unplus called G MPS - C - Lide mets pH [0.1 units]*	7 CO 3 9 7 - O Z O 2 5 p. Cond. (mS/cm)   3%/r	### and the control of the control o	7 (V) N(specify)  10% or 0.1 mg/l	ORP (mV) 1:0 mV; - -37.8 -61.0 -67.5 -71.0 -20.0
Time  //: /8  //: 25  //: 30  //: 35  //: 55  //: 55  //: 55	Pump Rate (Umin.) 150m 100 100 100 100 100 100 100 100 100	Total Gallons Removed	Water Level (h TIC) 3.57 3.57 3.57 3.57 3.57 3.57 3.57	Hack To Temp. (Colclus) [296]  14.36 14.10 13.97 13.99 13.72	5. amples civiled G MPS - G - G - G - G - G - G - G - G - G -	7 CO 3 9 7 - O Z O Z Sp. Cond. (mS/cm)  3%/r - 0.7/3 0.7/3 0.7/2 0.7/8 0.7/5 0.7/0	### and the second an	00 (mg/l) (10% or 0.1 mg/l) 9.60 3.36 3.24 3.24 3.22 3.28 3.28 3.28	ORP (mV) 1:0 mV; - -37.8 -61.0 -67.5 -71.0 -70.0 -68.7
Time  //: /8  //: 25  //: 30  //: 35  //: 50  //: 55  //: 50	Pump Rate (Lmin.)  / 50m   / 60 / 10	Total Gailons Removed  0.33 0.46 0.59 0.72 0.85 0.98 1.11 1.24	Water   Level   (h TIC)   3 · 5 8   3 · 5 7	Hack To Temp. (Colclus) [296]  14.36 14.10 13.97 13.99 13.72	5. amples civiled G MPS - G - G - G - G - G - G - G - G - G -	7 CO 3 9 7 - O Z O Z Sp. Cond. (mS/cm)  3%/r - 0.7/3 0.7/3 0.7/2 0.7/8 0.7/5 0.7/0	### and the control of the control o	00 (mg/l) (10% or 0.1 mg/l) 9.60 3.36 3.24 3.24 3.22 3.28 3.28 3.28	ORP (mV) 1:0 mV; - -37.8 -61.0 -67.5 -71.0 -70.0 -68.7
Time  //: /8  //: 25  //: 30  //: 35  //: 55  //: 50  The stabilize  OBSERVATIO	Water Quality N Pump Rate (Lmin.) 150m 1 100 100 100 100 100 100 100 100 100 1	Total Gailons Removed  0.33 0.46 0.59 0.72 0.85 0.98 1.11 1.24	Water   Level   (h TIC)   3 · 5 8   3 · 5 7	Hack To Temp. (Celcius) [3%]  14.36 14-10 13.97 13.99 13.72	5. amplies civiled  G MPS - G  - Lidimete  pH  [0 1 ands]*  6.73  6.81  6.89  6.89  6.99  6.90  6.92	2 7 C 0 3 9 7 - 0 Z 0 2 3 p. Cond. (mS/cm) [3%]* - 0 - 7 / 3 0 - 7 2 0 0 - 7 / 8 0 - 7 / 8 0 - 7 / 8 0 - 7 / 8 0 - 7 / 8	othod as evacuation  2. A.E.  000 2.5.3.76  Turbidity (NTU) [10% or 1.NTU]*  2.0  //  9  8  6  6  6  5  5  5	00 (mg/l) (10% or 0.1 mg/l) (1	ORP (mV) [:0:mV]" 
Time  //: /8  //: 25  //: 30  //: 35  //: 55  //: 50  The stabilize  OBSERVATIO	Water Quality N Pump Rate (Lmin.) 150m 1 100 100 100 100 100 100 100 100 100 1	Total Gailons Removed  0.33 0.46 0.59 0.72 0.85 0.98 1.11 1.24	Water   Level   (h TIC)   3 · 5 8   3 · 5 7	Hack To Temp. (Celcius) [3%]  14.36 14-10 13.97 13.99 13.72	5. amplies civiled  G MPS - G  - Lidimete  pH  [0 1 ands]*  6.73  6.81  6.89  6.89  6.99  6.90  6.92	2 7 C 0 3 9 7 - 0 Z 0 2 3 p. Cond. (mS/cm) [3%]* - 0 - 7 / 3 0 - 7 2 0 0 - 7 / 8 0 - 7 / 8 0 - 7 / 8 0 - 7 / 8 0 - 7 / 8	othod as evacuation  2. A.E.  000 2.5.3.76  Turbidity (NTU) [10% or 1.NTU]*  2.0  //  9  8  6  6  6  5  5  5	00 (mg/l) (10% or 0.1 mg/l) (1	GRP (mV) [10 mV] 
Time  //: /8  //: 25  //: 30  //: 35  //: 55  //: 50  The stabilize  OBSERVATIO	Water Quality N Pump Rate (Lmin.) 150m 1 100 100 100 100 100 100 100 100 100 1	Total Gailons Removed  0.33 0.46 0.59 0.72 0.85 0.98 1.11 1.24	Water   Level   (h TIC)   3 · 5 8   3 · 5 7	Hack To Temp. (Celcius) [3%]  14.36 14-10 13.97 13.99 13.72	5. amplies civiled  G MPS - G  - Lidimete  pH  [0 1 ands]*  6.73  6.81  6.89  6.89  6.99  6.90  6.92	2 7 C 0 3 9 7 - 0 Z 0 2 3 p. Cond. (mS/cm) [3%]* - 0 - 7 / 3 0 - 7 2 0 0 - 7 / 8 0 - 7 / 8 0 - 7 / 8 0 - 7 / 8 0 - 7 / 8	othod as evacuation  2. A.E.  000 2.5.3.76  Turbidity (NTU) [10% or 1.NTU]*  2.0  //  9  8  6  6  6  5  5  5	00 (mg/l) (10% or 0.1 mg/l) (1	ORP (mV) [:0:mV]" 
Time  //: /8  //: 25  //: 30  //: 35  //: 55  //: 50  The stabilize  OBSERVATIO	Water Quality N Pump Rate (Lmin.) 150m 1 100 100 100 100 100 100 100 100 100 1	Total Gailons Removed  0.33 0.46 0.59 0.72 0.85 0.98 1.11 1.24	Water   Level   (h TIC)   3 · 5 8   3 · 5 7	Hack To Temp. (Celcius) [3%]  14.36 14-10 13.97 13.99 13.72	5. amplies civiled  G MPS - G  - Lidimete  pH  [0 1 ands]*  6.73  6.81  6.89  6.89  6.99  6.90  6.92	2 7 C 0 3 9 7 - 0 Z 0 2 3 p. Cond. (mS/cm) [3%]* - 0 - 7 / 3 0 - 7 2 0 0 - 7 / 8 0 - 7 / 8 0 - 7 / 8 0 - 7 / 8 0 - 7 / 8	othod as evacuation  2. A.E.  000 2.5.3.76  Turbidity (NTU) [10% or 1.NTU]*  2.0  //  9  8  6  6  6  5  5  5	00 (mg/l) (10% or 0.1 mg/l) (1	ORP (mV) [:0:mV]* -37.8 -6/.0 -67.5 -7/.0 -70.0 -68.7 -68.5
Time  //: /8  //: 25  //: 30  //: 35  //: 55  //: 50  The stabilize  OBSERVATIO	Water Quality N Pump Rate (Lmin.) 150m 1 100 100 100 100 100 100 100 100 100 1	Total Gailons Removed  0.33 0.46 0.59 0.72 0.85 0.98 1.11 1.24	Water   Level   (h TIC)   3 · 5 8   3 · 5 7	Hack To Temp. (Celcius) [3%]  14.36 14-10 13.97 13.99 13.72	5. amplies civiled  G MPS - G  - Lidimete  pH  [0 1 ands]*  6.73  6.81  6.89  6.89  6.99  6.90  6.92	2 7 C 0 3 9 7 - 0 Z 0 2 3 p. Cond. (mS/cm) [3%]* - 0 - 7 / 3 0 - 7 2 0 0 - 7 / 8 0 - 7 / 8 0 - 7 / 8 0 - 7 / 8 0 - 7 / 8	othod as evacuation  2. A.E.  000 2.5.3.76  Turbidity (NTU) [10% or 1.NTU]*  2.0  //  9  8  6  6  6  5  5  5	00 (mg/l) (10% or 0.1 mg/l) 9.60 3.36 3.24 3.24 3.22 3.28 3.28 3.28	ORP (mV) [:0:mV]* -37.8 -6/.0 -67.5 -7/.0 -70.0 -68.7 -68.5
Time  //: /8  //: 25  //: 30  //: 35  //: 55  //: 50  The stabilize  OBSERVATIO	Pump Rate (Umin.) 150m1 100 100 100 100 100 100 100 100 100	Total Gailons Removed  0.33 0.46 0.59 0.72 0.85 0.98 1.11 1.24	Water   Level   (h TIC)   3 · 5 8   3 · 5 7	Hack To Temp. (Celcius) [3%]  14.36 14-10 13.97 13.99 13.72	5. amplies civiled  G MPS - G  - Lidimete  pH  [0 1 ands]*  6.73  6.81  6.89  6.89  6.99  6.90  6.92	2 7 C 0 3 9 7 - 0 Z 0 2 3 p. Cond. (mS/cm) [3%]* - 0 - 7 / 3 0 - 7 2 0 0 - 7 / 8 0 - 7 / 8 0 - 7 / 8 0 - 7 / 8 0 - 7 / 8	othod as evacuation  2. A.E.  000 2.5.3.76  Turbidity (NTU) [10% or 1.NTU]*  2.0  //  9  8  6  6  6  5  5  5	00 (mg/l) (10% or 0.1 mg/l) (1	ORP (mV) [:0:mV]* -37.8 -6/.0 -67.5 -7/.0 -70.0 -68.7 -68.5
Time  Time	Pump Rate (Umin.) 150m1 100 100 100 100 100 100 100 100 100	Total Gailons Removed  0.33 0.46 0.59 0.72 0.85 0.98 1.11 1.24	Water   Level   (h TIC)   3 · 5 8   3 · 5 7	Hack To Temp. (Celcius) [3%]  14.36 14.70 13.97 13.99 13.72	5. amples civiliano  6 MPS - 6  - Lidimete pH  [0 1 ands]*  6 - 73  6 - 81  6 - 89  6 - 89  6 - 89  6 - 89  6 - 89  6 - 90  6 - 90  6 - 90	2 3 CO 3 9 7 -0 2 0 2 Sp. Cond. (mS/cm) [3%]* - 0.7/3 0.7/3 0.7/2 0.7/8 0.7/8 0.7/8 0.7/8 0.7/8	othod as evacuation  2. A.F.  000 2.5. 3.76  Turbidity  (NTU)  [10°s or 1.NTU]*  2.0  7.1  9.8  6.6  6.5  5.5  3.4  As boy e.	00 (mg/l) (10% or 0.1 mg/l) (1	ORP (mV) [:0:mV]" -37.8 -61.0 -67.5 -71.0 -68.7 -68.7
Time  Time	Pump Rate (Umin.) 150m1 100 100 100 100 100 100 100 100 100	Total Gailons Removed  0.33 0.46 0.59 0.72 0.85 0.98 1.11 1.24	Water   Level   (h TIC)   3 · 5 8   3 · 5 7	Hack To Temp. (Celcius) [3%]  14.36 14.70 13.97 13.99 13.72	5. amples civiliano  6 MPS - 6  - Lidimete pH  [0 1 ands]*  6 - 73  6 - 81  6 - 89  6 - 89  6 - 89  6 - 89  6 - 89  6 - 90  6 - 90  6 - 90	2 3 CO 3 9 7 -0 2 0 2 Sp. Cond. (mS/cm) [3%]* - 0.7/3 0.7/3 0.7/2 0.7/8 0.7/8 0.7/8 0.7/8 0.7/8	othod as evacuation  2. A.F.  000 2.5. 3.76  Turbidity  (NTU)  [10°s or 1.NTU]*  2.0  7.1  9.8  6.6  6.5  5.5  3.4  As boy e.	00 (mg/l) (10% or 0.1 mg/l) (1	ORP (mV) [10 mV]" -37.8 -61.0 -67.5 -71.0 -70.0 -68.7 -68.5
Time:  //: /8  //: 25  //: 30  //: 35  //: 90  //: 45  //: 50  //: 55  //: 50  The stabilization  SAMPLE DE  Laborator  Delivered Vs	Pump Rate (Umin.) 150m1 100 100 100 100 100 100 100 100 100	Total Gailons Removed  0.33 0.46 0.59 0.72 0.85 0.98 1.11 1.24	Water   Level   (h TIC)   3 · 5 8   3 · 5 7	Hack To Temp. (Celcius) [3%]  14.36 14.70 13.97 13.99 13.72	5. amples civiliano  6 MPS - 6  - Lidimete pH  [0 1 ands]*  6 - 73  6 - 81  6 - 89  6 - 89  6 - 89  6 - 89  6 - 89  6 - 90  6 - 90  6 - 90	2 3 CO 3 9 7 -0 2 0 2 Sp. Cond. (mS/cm) [3%]* - 0.7/3 0.7/3 0.7/2 0.7/8 0.7/8 0.7/8 0.7/8 0.7/8	othod as evacuation  2. A.F.  000 2.5. 3.76  Turbidity  (NTU)  [10°s or 1.NTU]*  2.0  7.1  9.8  6.6  6.5  5.5  3.4  As boy e.	00 (mg/l) (10% or 0.1 mg/l) (1	ORP (mV) 1:0:mV; 

Well No.		71W-1			MGMA Name			OZIII.		_
989, MW 123, 141, 141	FX-37			Sampli	ng Personnel					
PID Bac	kground (ppm)	0				10/16/03				
Weil He	adspace (ppm)	.0	100	= -	Weather	Mostly ch	50-5	20 F		_
ELL INFORM	NOTTAN						Sample Time	15:20		
Referenc	e Point Marked?	(V) N					Sample ID	HR-G3-1	1W-1	
Height of	Reference Point	+3.441	Meas, From	Ground			Duplicate ID	_		
	- Well Clameter						MS/MSD	_		
Same	en Interval Depth		Meas From	Ground			Split Sample ID	_		
	ater Table Depth		Meas, From	TIL						
177	Well Depth		Meas, From	TIL		Required	Analytical	Parameters:	Colle	etteri
: onesh	of Water Culumn		Meda. Historia	110		. V	100000	(Sta. list)	////	
	of Water in Well		m.c					(Explist)		3
	e of pumpitubing		Meas From	TIC		5 1		/OCs		1
intaxa Dabi	in a pureprissing	17.5	reneda c-uni			6 9		s (Total)		ŵ
	12 510 500 600 1100 6					- 5		Dissolved)		
	nt Identification					8				- 6
	ner (PVC) casa-n							sorg (Total)	120	41
	iuter (restoctive)	cusing				(A)		g. (Dissolvad)	1/2	1
rade/BGS (	Jound Surface					5.4		S/PCDFs	- 51	1
	_							st'Horb	- 50	
edevelop?	Y (19)					4		Attenuación	1	
						121	- / Other	Alignocity)	12	*
VACUATION	INFORMATION					-/	otal of fi	Hered Me	rcu-	1
ŧ	Pump Start Time	THE RESERVE THE PARTY OF THE PA	_					0.1939		
	Surga Stant Turner	15:30			Escaparatura Med		<ul> <li>Bhader P</li> </ul>			
Amutas et Pa	evinog.	55	9		Personic Zuny		ранизию Раппр і		rucht.	9
					Mary Trans	M	halk - Sys	to Doi		
tokime of wat	er remissed	1.5gallo	N 2		tetaph (Aber	110000	to	TEM OFIC		++
	A Ø	1.5qallo			Samples calles	ind by same inv 子<クラうと	teori an evanalation	n? ② Mapaci	y)	
	∀	define Espains) / S	Seas of Numbers	Hach To	Samples called MPS-0.	300392 +e/-020	thort on evanuation	n? ② Mapaci		RP
lie well go dry	# Y <b>○</b> Water Couldly 5	Jeries (Starts) / S Total	Septed Mumbers Water	Hach To	Samples calles	### Sp. Cond.	. A E 2000 253	17 (T) N(apacil	0	RF 1V1
	Water Credity 5 Pump Rate	Jeles Lyteres) / S Fotal Gallens	Sezie I Numbers Water Level	Hach To Temp. (Colclus)	Samples called MP5-0 -67dime	3 C O 3 9 S 4 c - 0 S O S O S O S O C O S O C O C O C O C O	A E 2000 253 Turbidity (NTU)	7 ( N(spect) 7 7 ( DO (mg/l)	0 (11	
lie well go dry	Water Couldly & Pump Rate (Lönin.)	Jeries (Starts) / S Total	Sept of Numbers  Water  Level  In TIC)	Hach To	Samples called MPS-0.	3 C O 3 9 E te - 0 E O Sp. Cond. (mS/cm) 13%j*	A E  2000 25  Turbielty (NTU)	7 76 DO	0 (11	ıV1
Time	Water Country to Pump Rate (Linna)	Total Gallens Removed	Water Level In TIC)	Hach To Temp. (Colclus) [3%]	Samples called  MP5-0	3 C O 3 9 S 4 c - 0 S O S O S O S O C O S O C O C O C O C O	A E  2000 253  Turbidity (NTU)  (10%, or 1 NTU)	7 (10% or 0.1 mg/l)	0 (11	iVi moji
Time 14'-3 5	Water Couldly be Pump Rate (Limin.) 100 ml	Total Gallens Removed	Water Level In TIC) 10.5 Y	Hach To Temp. (Colclus) [3%]*	Samples called  MP5 - 0  - 6) di m e  gH  [0 + units]*	3 C O 3 9 E te	thort an avanuation  A E  2 00 0 2 5 3  Turbidity (NTU) (10% or 1 NTU)  1 (6  1 3	7 ( N(spect 7 ) N(	(ir	ıvı
Time 14:35 14:40 14:47	Water Chaldy & Pump Rate (Limin.) 100 ml 100	Total Gallens Removed  0-13 0-26	Water Level In TIC) 10.5 Y 10.5 Y	Hach To Temp. (Coiclus) [3%]*	Samples called  MP5-0	3 C O 3 9 E te > -0 2 O Sp. Cond. (mS/cm) 13%3' - 2.084	## A E   2 00 0 2 5 3   Turbidity (NTU)   (10°, or 1 NTU)   1 (9 13 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	17 (T) N(spect 18 76  100  (mg/l)  (10% or 0.1 mg/l)	(ir (ir) (ir) (ir) (ir)	1V1
Time 19'-3 5 14'-40 14'-47 14'-50	Water Chaldy & Pump Rate (Linin.) 100 ml 100	Total Gallens Removed	Water Level In TIC) 10.54 10.54 10.59 10.59	Hach To Temp. (Coiclus) [3%]' ————————————————————————————————————	Samples called  MP5-0	3 C O 3 9 2 te  - 0 2 0 Sp. Cond. (mS/cm) [3%]' - 2.084 2.109	thort an avanuation  A E  2000 253  Turbidity  (NTU)  (10°, or 1 NTU)  16  13	17 (T) N(spect 18 76  100  (mg/l)  [10% or 0.1 mg/l)	9/2 0.	1V1 101/11 101/11
Time  14:35 14:40 14:47 14:50 14:55	Pump Rate (Linin.)  100 ml 100 100 100	Total Gallens Ramoved	Water Level In TIC) 10.54 10.54 10.54 10.54 10.54	Hach To Temp. (Ceiclus) [3%]' - - 14.48 14.35 14.32	Samples called  MP5-0	3 C O 3 9 2 tex - 0 2 0 Sp. Cond. (mS/cm) [3%]' - 2.084 2.119	thort an avanuation  A E  2000 253  Turbidity  (NTU)  (10°, or 1 NTU)  16  13	7 (7) N(spect P 76) B0 (mg/l) (10% or 0.1 mg/l)	0) (ir 19 - 42 0,	1V1 107/19 5 6
Time  14:35 14:40 14:47 14:50 14:55	# Y	Total Gallens Removed	Water Level In TIC) 10.54 10.54 10.54 10.54 10.54 10.54	Hach To Temp. (Ceiclus) [3%]'  14.48 14.35 14.32	Samples called  MP5-0  A-6) d	3 C O 3 9 2 tex - 0 2 0 Sp. Cond. (mS/cm) [255] - 2.084 2.119 2.118	Inort an avanuation  A E  2 00 0 2 5 3  Turbidity (NTU) (10°, or 1 NTU)  / (g / 3	7 (7) N(spect P 76) B0 (mg/l) (10% or 0.1 mg/l)	92. 0.179.	5
Time  14'-3 5 14'-40 14'-47 14'-50 14'-50 14'-50	Pump Rate (Linin.)  100 ml 100 100 100	Total Gallons Removed	Water Level In TIC) 10.54 10.54 10.54 10.54 10.54 10.54 10.54	Hach To Temp. (Coiclus) [3%]' 14.48 14.35 14.32 14.40 14.32	Samples called  MP5-0.  A-6)'dime  pH  10 tunits!*	3 C O 3 9 2 tex - 0 2 0 Sp. Cond. (mS/cm) [2%]' - 2.084 2.119 2.118 2.125	## 1 A E   2 00 0 2 5 3 Turbidity (NTU)   (10% or 1 NTU)   1 6	7 (7) N(spect 1) 17 (6) N(spect 1) 17 (6) 17 (7) 17	00 (in 1982) 1982 1982 1982 1982 1982 1982 1982 1982	5 6 9
Time  14'-35 14'-49 14'-47 14'-50 14'-55 15:00 15:05	# Y	Total Gallons Removed	Water Level In TIC) 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54	Hach To Temp. (Coiclus) [3%]" ————————————————————————————————————	6.61 6.75 6.75 6.75 6.75	3 C O 3 9 2 tex - 0 2 0 Sp. Cond. (mS/cm) [3%]' - 2.084 2.109 2.118 2.125 2.133	## 1 A E   2 00 0 2 5 3 Turbidity (NTU)   10% or 1 NTU!   1/6   1/3   6   5   4   3   2	7 ( ) N(spect ) ) N(sp	00 (in 192 )	5 6 9 . 2
14.35 14.40 14.47 14.50 14.50 14.50 15.00 15.05	Water Couldly be Pump Rate (Linto.)  100 ml 100 100 100 100 100	Total Gallens Removed	Water Level In TIC) 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54	Hach To Temp. (Coiclus) [3%]"	Samples called  MP5 - 0.  pH  10   units   -  6.61  6.57  6.73  6.75  6.75  6.75	3 C O 3 9 2 tex - 0 2 0 1 Sp. Cond. (mS/cm) (2%) - 2.084 2.118 2.125 2.133 2.144	## 1 Property   Proper	3.40 1.66 1.65 1.66 1.67	00 (m - [19 - 42 - 0.0 - 79. - 27 - 29 - 31	5 9 2 . 5 . 7
14:35 14:40 14:47 14:50 14:50 15:05 15:05 15:15	Water Couldly be Pump Rate (Linto.)  100 ml 100 100 100 100 100 100	Total Gallons Removed	Water Level In TIC) 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54	Hach To Temp. (Coiclus) [3%]" ————————————————————————————————————	6.61 6.75 6.75 6.75 6.75	3 C O 3 9 2 tex - 0 2 0 Sp. Cond. (mS/cm) [3%]' - 2.084 2.109 2.118 2.125 2.133	## 1 A E   2 00 0 2 5 3 Turbidity (NTU)   10% or 1 NTU!   1/6   1/3   6   5   4   3   2	7 ( ) N(spect ) ) N(sp	00 (in 192 )	5 9 2 . 5 . 7
ilie well go dry	Water Couldly be Pump Rate (Linto.)  100 ml 100 100 100 100 100 100 100 100	Total Gallens Removed	Water Level In TIC) 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54	Hach To Temp. (Coiclus) [3%]"	Samples called  MP5 - 0.  pH  10   units   -  6.61  6.57  6.73  6.75  6.75  6.75	3 C O 3 9 2 tex - 0 2 0 1 Sp. Cond. (mS/cm) (2%) - 2.084 2.118 2.125 2.133 2.144	## 1 A E   2 00 0 2 5 3 Turbidity (NTU)   (10% or 1 NTU)   1/6	3.40 1.66 1.65 1.66 1.67	00 (m - [19 - 42 - 0.0 - 79. - 27 - 29 - 31	5 6 9
Time  14'-35 14'-49 14'-47 14'-50 14'-55 15'-00 15'-15' 15'-15' 15'-15' 15'-15' 15'-15'	Water Couldly & Pump Rate (Linin.) 100 ml 100 100 100 100 100 100 100 100 100	Total Gallons Removed	Vister Level In TiC) 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54	Hach To Temp. (Coiclus) [3%]' [3%]' [4.48] 14.35 [4.32] 14.40 [4.32] 14.22 [14.15] 14.12	6.61 6.75 6.75 6.75 6.75 6.75 6.75 6.75	2.084 2.109 2.118 2.125 2.144 2.147	Inort on evanuation  A E  2 00 0 2 5 3  Turbidity (NTU) (10% or 1 NTU)  1 6  1 3  6  4  3  2  2	7 (T) N(spect 2) 176 DO (mg/l) (10% or 0.1 mg/l) 1.7 7 1.66 1.63 1.66 1.67 1.67	00 (m - [19 - 42 - 0.0 - 79. - 27 - 29 - 31	5 9 2 . 5 . 7
14'-35 14'-49 14'-47 14'-50 14'-55 15:00 15:15 15:15	Water Couldly & Pump Rate (Linin.) 100 ml 100 100 100 100 100 100 100 100 100	Total Gallons Removed	Vister Level In TiC) 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54 10.54	Hach To Temp. (Coiclus) [3%]' [3%]' [4.48] 14.35 [4.32] 14.40 [4.32] 14.22 [14.15] 14.12	6.61 6.75 6.75 6.75 6.75 6.75 6.75 6.75	2.084 2.109 2.118 2.125 2.144 2.147	Inort on evanuation  A E  2 00 0 2 5 3  Turbidity (NTU) (10% or 1 NTU)  1 6  1 3  6  4  3  2  2	7 (T) N(spect 2) 176 DO (mg/l) (10% or 0.1 mg/l) 1.7 7 1.66 1.63 1.66 1.67 1.67	00 (m - [19 - 42 - 0.0 - 79. - 27 - 29 - 31	5 9 2 . 5 . 7
Time  14'-35 14'-40 14'-50 14'-50 15'-05 15'-15 15'-15	Water Couldly be Pump Rate (Linto.)  100 ml 100 100 100 100 100 100 100 100	Total Gallens Removed  0-13 0-26 0-39 0-52 0-65 0-78 0-91 1-04 1-17	Vister Level In TiC)  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.554  10.554	Hach To Temp. (Coiclus) [3%]' [3%]' [4.48] 14.35 [4.32] 14.40 [4.32] 14.22 [14.15] 14.12	6.61 6.75 6.75 6.75 6.75 6.75 6.75 6.75	2.084 2.109 2.118 2.125 2.144 2.147	Inort on evanuation  A E  2 00 0 2 5 3  Turbidity (NTU) (10% or 1 NTU)  1 6  1 3  6  4  3  2  2	3.40 1.66 1.65 1.66 1.67	00 (m - [19 - 42 - 0.0 - 79. - 27 - 29 - 31	5 9 2 . 5 . 7
Time  14'-35 14'-40 14'-47 14'-50 14'-50 15'-05 15'-15 15'-15 15'-15	Water Chaldy & Pump Rate (Linin.) 100 m1 100 100 100 100 100 100 100 100 100 1	Total Gallens Removed  0-13 0-26 0-39 0-52 0-65 0-78 0-91 1-04 1-17	Vister Level In TiC)  10.5 4  10.5 4  10.5 9  10.5 9  10.5 9  10.5 9  10.5 9  10.5 9  10.5 9  10.5 9  10.5 9  10.5 9  10.5 9	Hach To Temp. (Coiclus) [3%]' [3%]' [4.48] 14.35 [4.32] 14.40 [4.32] 14.22 [14.15] 14.12	6.61 6.75 6.75 6.75 6.75 6.75 6.75 6.75	2.084 2.109 2.118 2.125 2.144 2.147	Inort on evanuation  A E  2 00 0 2 5 3  Turbidity (NTU) (10% or 1 NTU)  1 6  1 3  6  4  3  2  2	7 (T) N(spect 2) 176 DO (mg/l) (10% or 0.1 mg/l) 1.7 7 1.66 1.63 1.66 1.67 1.67	00 (m - [19 - 42 - 0.0 - 79. - 27 - 29 - 31	5 9 2 . 5 . 7
Time  14'-35 14'-40 14'-47 14'-50 15'-05 15'-15 15'-20  The stabilizer  OBSERVATI  Tan'Time	Water Chaldy be Pump Rate (Linto.)  //O/ ml //O/ ml //O/ //O/ //O/ //O/ //O/ //O/ //O/ //O	Total Gallons Removed  0-13 0-26 0-39 0-52 0-65 0-78 0-91 1-04 1-17  METHOD DEV	Vister Level In TiC)  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.554  10.554  10.554  10.554  10.554  10.554  10.554  10.554  10.554	Hach To Temp. (Coiclus) [3%]' [3%]' [4.48] 14.35 [4.32] 14.40 [4.32] 14.22 [14.15] 14.12	6.61 6.75 6.75 6.75 6.75 6.75 6.75 6.75	2.084 2.109 2.118 2.125 2.144 2.147	Inort on evanuation  A E  2 00 0 2 5 3  Turbidity (NTU) (10% or 1 NTU)  1 6  1 3  6  4  3  2  2	7 (T) N(spect 2) 176 DO (mg/l) (10% or 0.1 mg/l) 1.7 7 1.66 1.63 1.66 1.67 1.67	00 (m - [19 - 42 - 0.0 - 79. - 27 - 29 - 31	5 9 2 . 5 . 7
Time  14'-35 14':40 14':47 14':50 14':50 15:00 15:15 15:20  The stabilize OBSERVATI	Water Chaldy & Pump Rate (Linin.) 100 m1 100 100 100 100 100 100 100 100 100 1	Total Gallons Removed  0-13 0-26 0-39 0-52 0-65 0-78 0-91 1-04 1-17  METHOD DEV	Vister Level In TiC)  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.554  10.554  10.554  10.554  10.554  10.554  10.554  10.554  10.554	Hach To Temp. (Coiclus) [3%]' [3%]' [4.48] 14.35 [4.32] 14.40 [4.32] 14.22 [14.15] 14.12	6.61 6.75 6.75 6.75 6.75 6.75 6.75 6.75	2.084 2.109 2.118 2.125 2.144 2.147	Inort on evanuation  A E  2 00 0 2 5 3  Turbidity (NTU) (10% or 1 NTU)  1 6  1 3  6  4  3  2  2	7 (T) N(spect 2) 176 DO (mg/l) (10% or 0.1 mg/l) 1.7 7 1.66 1.63 1.66 1.67 1.67	00 (m - [19 - 42 - 0.0 - 79. - 27 - 29 - 31	5 9 2 . 5 . 7
Time  14'-35 14':40 14':47 14':50 14':50 15:00 15:15 15:20  The stabilize OBSERVATI	Water Chaldy by Pump Rate (Linto.) 100 ml 100 100 100 100 100 100 100 100 100 10	Total Gallons Removed  0-13 0-26 0-39 0-52 0-65 0-78 0-91 1-04 1-17  METHOD DEV	Vister Level In TiC)  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.554  10.554  10.554  10.554  10.554  10.554  10.554  10.554  10.554	Hach To Temp. (Coiclus) [3%]' [3%]' [4.48] 14.35 [4.32] 14.40 [4.32] 14.22 [14.15] 14.12	6.61 6.75 6.75 6.75 6.75 6.75 6.75 6.75	2.084 2.109 2.118 2.125 2.144 2.147	Inort on evanuation  A E  2 00 0 2 5 3  Turbidity (NTU) (10% or 1 NTU)  1 6  1 3  6  4  3  2  2	7 (T) N(spect 2) 176 DO (mg/l) (10% or 0.1 mg/l) 1.7 7 1.66 1.63 1.66 1.67 1.67	00 (m - [19 - 42 - 0.0 - 79. - 27 - 29 - 31	5 9 2 . 5 . 7
Time  14.35  14.49  14.47  14.50  14.55  15.00  15.15  15.10  The stabilization of the stabil	Water Chaldy by Pump Rate (Limin.) 100 ml 100 100 100 100 100 100 100 100 100 10	Total Gallons Removed  0-13 0-26 0-39 0-52 0-65 0-78 0-91 1-04 1-17  METHOD DEV	Vister Level In TiC)  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.554  10.554  10.554  10.554  10.554  10.554  10.554  10.554  10.554	Hach To Temp. (Coiclus) [3%]' [3%]' [4.48] 14.35 [4.32] 14.40 [4.32] 14.22 [14.15] 14.12	6.61 6.75 6.75 6.75 6.75 6.75 6.75 6.75	2.084 2.109 2.118 2.125 2.144 2.147	Inort on evanuation  A E  2 00 0 2 5 3  Turbidity (NTU) (10% or 1 NTU)  1 6  1 3  6  4  3  2  2	7 (T) N(spect 1) 17 (G) N(spect 1) 17 (G) 1.6	00 (m - [19 - 42 - 0.0 - 79. - 27 - 29 - 31	5 9 2 . 5 . 7
Time  14'-35 14:40 14'-47 14:50 14:55 15:00 15:15 15:10 The stabilized	Water Couldly be Pump Rate (Linin.) 1/00 ml 1/00 1/00 1/00 1/00 1/00 1/00 1/00 1/0	Total Gallons Removed  0-13 0-26 0-39 0-52 0-65 0-78 0-91 1-04 1-17  METHOD DEV	Vister Level In TiC)  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.554  10.554  10.554  10.554  10.554  10.554  10.554  10.554  10.554	Hach To Temp. (Coiclus) [3%]' [3%]' [4.48] 14.35 [4.32] 14.40 [4.32] 14.22 [14.15] 14.12	Samples called  MPS - D.  A-6)'d, w c  pH  10 1 units)'   6. 61  6. 57  6. 73  6. 75  6. 75  6. 75  6. 77  6. 77  6. 77	2.084 2.109 2.118 2.125 2.147 2.147	Inort an evaruation  A E  2 00 0 2 5 3  Turbidity (NTU) (10% or 1 NTU)  1 6  1 3  6  7  7  8  2  2  2  3  2	7 (C) N(spect 2) 17 (G) 10% or 0.1 mg/l 10% or 0.1 mg/l 1.7 7 1.66 1.63 1.66 1.67 1.67	0 (m - 19 - 19 - 19 - 19 - 19 - 19 - 19 - 19	5 9 2 . 5 . 7
Time  19'-3 5 14:40 14'-47 14:50 14'-55 15:00 15:05 15:15 15:20 The stabilization This stabilization This stabilization The stabilization	Water Chaldy be Pump Rate (Limin.)  100 ml 100 100 100 100 100 100 100 100 100 100	Total Gallons Removed  0-13 0-26 0-39 0-52 0-65 0-78 0-91 1-04 1-17  METHOD DEV	Vister Level In TiC)  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.554  10.554  10.554  10.554  10.554  10.554  10.554  10.554  10.554	Hach To Temp. (Coiclus) [3%]' [3%]' [4.48] 14.35 [4.32] 14.40 [4.32] 14.22 [14.15] 14.12	Samples called  MPS - D.  A-6)'d, w c  pH  10 1 units)'   6. 61  6. 57  6. 73  6. 75  6. 75  6. 75  6. 77  6. 77  6. 77	2.084 2.109 2.118 2.125 2.147 2.147	Inort an evaruation  A E  2 00 0 2 5 3  Turbidity (NTU) (10% or 1 NTU)  1 6  1 3  6  7  7  8  2  2  2  3  2	7 (C) N(spect 2) 17 (G) 10% or 0.1 mg/l 10% or 0.1 mg/l 1.7 7 1.66 1.63 1.66 1.67 1.67	0 (m - 19 - 19 - 19 - 19 - 19 - 19 - 19 - 19	5 9 2 . 5 . 7
Time  19'-3 5  14'-40  14'-47  14'-50  14'-50  15'-05  15'-05  15'-15  The stabilization  The stabilization  SAMPLE DE Laborator  Dainvered Vi	Water Chaldy be Pump Rate (Limin.)  100 ml 100 100 100 100 100 100 100 100 100 100	Total Gallons Removed  0-13 0-26 0-39 0-52 0-65 0-78 0-91 1-04 1-17  METHOD DEV	Vister Level In TiC)  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.554  10.554  10.554  10.554  10.554  10.554  10.554  10.554  10.554	Hach To Temp. (Coiclus) [3%]' [3%]' [4.48] 14.35 [4.32] 14.40 [4.32] 14.22 [14.15] 14.12	Samples called  MPS - D.  A-6)'d, w c  pH  10 1 units)'   6. 61  6. 57  6. 73  6. 75  6. 75  6. 75  6. 77  6. 77  6. 77	2.084 2.109 2.118 2.125 2.147 2.147	Inort an evaruation  A E  2 00 0 2 5 3  Turbidity (NTU) (10% or 1 NTU)  1 6  1 3  6  7  7  8  2  2  2  3  2	7 (C) N(spect 2) 17 (G) 10% or 0.1 mg/l 10% or 0.1 mg/l 1.7 7 1.66 1.63 1.66 1.67 1.67	0 (m - 19 - 19 - 19 - 19 - 19 - 19 - 19 - 19	5 6 9
Time  19'-3 5  14'-40  14'-47  14'-50  14'-55  15'-00  15'-15'  15'-15'  The stabilization  The stabilization  SAMPLE DE Laborator  Dainvered Vi	Water Chaldy be Pump Rate (Limin.)  100 ml 100 100 100 100 100 100 100 100 100 100	Total Gallons Removed  0-13 0-26 0-39 0-52 0-65 0-78 0-91 1-04 1-17  METHOD DEV	Vister Level In TiC)  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.54  10.554  10.554  10.554  10.554  10.554  10.554  10.554  10.554  10.554	Hach To Temp. (Coiclus) [3%]' [3%]' [4.48] 14.35 [4.32] 14.40 [4.32] 14.22 [14.15] 14.12	Samples called  MPS - D.  A-6)'d, w c  pH  10 1 units)'   6. 61  6. 57  6. 73  6. 75  6. 75  6. 75  6. 77  6. 77  6. 77	2.089 2.109 2.118 2.125 2.147 2.147	Inort an evaruation  A E  2 00 0 2 5 3  Turbidity (NTU) (10% or 1 NTU)  1 6  1 3  6  7  7  8  2  2  2  3  2	7 (T) N(spect 1) 17 (G) N(spect 1) 17 (G) 1.6	0 (m - 19 - 19 - 19 - 19 - 19 - 19 - 19 - 19	5 9 2 . 5 . 7

	A-7				GMA Name	(7MA	The state of the s		
Key No.	-0.000	WO TEX		Sampli		K GROSS	1/2 Blas	land	
	kground (ppm)	NA		27		10/9/03			
Weil He	adspace (ppm)	NA		-	Weather	60-700,	WASTIA C	lear, sun	ny
VELL INFOR	MATION						Sample Time	1131	
Reference	te Point Marked?	M M					Sample ID	A-7	-11-54
Height of	Reference Point	2.5 in 1	Meas, From	BUS			Duplicate ID	'NA	-
	Well Diameter	2					MS/MSD	NA	- N. S. S. S.
Scre	en Interval Depth	4-10	Meas, From	BUS			Split Sample ID	NA	
W	ater Table Depth	1.90	Weas, From	TIC			September 199		
	Well Depth	13.33	Meas. From	TIC		Required	Analytical	Parameters:	Collected
Length	of Water Column					4 1	VOCs	(Std. list)	
	of Water in Well					1 34		(Exp.list)	×
	h of pump/lubing	The state of the s	Meas. From	TIC		24 1		OCs	1 1
						1 1	PCBs	(Total)	E 2
leference Poi	nt Identification					1 1		Dissolved)	2 8
	ner (PVC) casino	ė.				1		arg. (Total)	
	outer (protective)							L (Dissolved)	( )
	Ground Surface	100 100				6		WPCDFs	6 3
,-augra000. \	proving spinning					7.61 10		VHerb	10 9
edevelop?	Y (ii)					2 2	Section village	Attenuation	
es and votor f	. 0					3 5		(Specify)	10
UNCHATION	I INTERPRETATION						Calin	(alignati)	60 320
	INFORMATION								
	≃ump Start Time	The same of the sa			Evaluation Med	man manager	) Bladder Ot	SHALL FOR A	
	Pump Saip Time	1131			Ponstaltic Pain	200 h	hmersibia Pump (		eder I v
Minutes of Pe	10 10	30				11	2.27	4 Vanionista	3200 IV V
Velume of wat Did wall go da		0.793 gal			Ритр Гум	GEOPUL	enod as evacuation	V Ø Nispeaty)	
	Pump	Total	Modes	<del></del>					
			Water	Temp.	ρH	Sp. Cond.	Turbidity	DO (ms/ll)	ORP (=V)
Time	Rate	Gallons	Lavel	(Calcius)		(mS/cm)	(NTU)	(mg/l)	(mV)
	(L/min.)	Gallons Removed	Lavel (ff TIC)	(Calcius)	[0.1 units]*	(mS/cm) [3%]*	(NTU) (10% or 1 NTU)*	(mg/l) (mg/l)	(mV) [10 mV]*
1108	(L/min.) 0 . (	Gallens Removed 0-016	(n TIC) 9.15	(Cetcius) [3%]* 16.95	[0.1 units]*	(mS/cm) [3%]*	[NTU] (10% or 1 NTU]*	(mg/l) [10% 600 t mg/l]* 3.50	(mV) [10 mV]* [26.2
1103	(Umin.) 0 · ( 0 · (	Gallons Removed 0 - 016 - 264	(ft TIC) 9.15 9.19	(Caterus) [3%]* [16.95	[0.1 units]* 7.53 7.53	(mS/cm) [3%]* 13.77 13.52	(NTU) (10% or 1 NTU)* 5	(mg/l) [10% acd t mg/l]* 3.50 2.10	(mV) [10 mV]* 136.7 117.0
105          4	(L/min.) 0 . (	Gallons Removed 0-016 -264 -343	(n TIC) 9.15 9.19 9.19	(Colcrus) [3%]* [6.95] [6.97]	[0 1 units]* 7.53 7.53 7.53	(mS/cm) [3%]* 13.77 13.52 13.57	(NTU) (10% or 1 NTU)  B  B	(mg/l) [10% acd 1 mg/l]* 3.50 2.10 1.62	(mV) [10 mV]* [36.2 [17.0 [99.2
1105 1111 1114 1117	(Umin.) 0 · ( 0 · (	Gallons Removed 0.016 .264 .343 .423	(HTIC) 9.15 9.19 9.19 9.22 8.24	(Colorus) [3%]* [16.95] [16.97] [16.92]	[0 1 units]* 7.53 7.53 7.53 1.52	(mS/cm) [3%]* 13.77 13.52 13.57	(NTU) (10% or 1 NTU)  3  5  5	(mg/l) 110% oc 0 1 mg/l) 3.50 2.10 1.55	(mV) (10 mV)* 136.7 117.0 99.2 81.6
1103	(L/min.) 0 · ( 0 · ( 0 · ( 0 · ( 0 · (	Gallons Removed 0-016 -264 -343 -423 -502	5.19 5.19 5.19 5.24 5.24	(Celcius) [3%]* 16.95 16.97 16.97 16.92 [6.79	[0 1 units]* 7.53 7.53 7.53 7.52 7.52	(mS/cm) 13:77 13:52 13:57 13:57 13:56 13:96	(NTU) (10% or 1 NTU)	(mg/l) 110% oc 0 1 mg/l) 3.50 2.10 1.52 1.56 1.59	(mV) (136.7 117.0 99.2 91.6
1105 1111 1114 1117	(Umin.) 0 · ( 0 · ( 0 · 1 0 · 1	Gallons Removed 0-016 -264 -343 -423 -502	Lavel (M TIC) 9.15 9.19 9.22 8.24 9.26 8.28	(Celcius) [3%]* 16.95 16.97 16.97 16.92 [6.79	[0 1 units]* 7.53 7.53 7.53 1.52	(mS/cm) 13%1 13.71 13.82 13.87 13.86 13.96 13.96	(NTU) (10% or 1 NTU)	(mg/l) 110% oc 0 1 mg/l) 3.50 2.10 1.56 1.56 1.59 1.56	(mV) 126.7 17.0 99.2 91.6 74.0 61.1
1103	(L/min.) 0 · ( 0 · ( 0 · ( 0 · ( 0 · (	Gallons Removed 0-016 -264 -343 -423 -502 -561	Lavel (M TIC) 9.15 9.19 9.22 8.24 9.26 8.28	(Celcius) [3%]* 16.95 16.97 16.97 16.92 [6.79	[0 1 units]* 7.53 7.53 7.53 7.52 7.52 7.51 7.51	(mS/cm) 13.77 13.82 13.87 13.86 13.96 13.96 13.96 13.89	(NTU) (10% or 1 NTU)	(mg/l) 110% or 0 1 mg/l) 3.50 2.10 1.52 1.56 1.59 1.56 1.53	(mV) [10 mV]* 136.7 117.0 99.2 91.9
1103	(Umin.) 0 · ( 0 ·	Gallons Removed 0-016 -264 -343 -423 -502	5.19 5.19 5.19 5.24 5.24	(Celcius) [3%]* 16.95 16.97 16.97 16.92 [6.79	[0 1 units]* 7.53 7.53 7.53 7.52 7.52	(mS/cm) 13%1 13.71 13.82 13.87 13.86 13.96 13.96	(NTU) (10% or 1 NTU)	(mg/l) 110% oc 0 1 mg/l) 3.50 2.10 1.56 1.56 1.59 1.56	(mV) 126.7 117.0 99.2 91.6 74.0 61.1
1103	(Umin.) 0 · ( 0 ·	Gallons Removed 0-016 -264 -343 -423 -502 -561	Lavel (M TIC) 9.15 9.19 9.22 8.24 9.26 8.28	(Celcius) [3%]* 16.95 16.97 16.97 16.92 [6.79	[0 1 units]* 7.53 7.53 7.53 7.52 7.52 7.51 7.51	(mS/cm) 13.77 13.82 13.87 13.86 13.96 13.96 13.96 13.89	(NTU) (10% or 1 NTU)	(mg/l) 110% or 0 1 mg/l) 3.50 2.10 1.52 1.56 1.59 1.56 1.53	(mV) 126.7 117.0 99.2 91.6 74.0 61.1
1103	(Umin.) 0 · ( 0 ·	Gallons Removed 0-016 -264 -343 -423 -502 -561	Lavel (M TIC) 9.15 9.19 9.22 8.24 9.26 8.28	(Celcius) [3%]* 16.95 16.97 16.97 16.92 [6.79	[0 1 units]* 7.53 7.53 7.53 7.52 7.52 7.51 7.51	(mS/cm) 13.77 13.82 13.87 13.86 13.96 13.96 13.96 13.89	(NTU) (10% or 1 NTU)	(mg/l) 110% or 0 1 mg/l) 3.50 2.10 1.52 1.56 1.59 1.56 1.53	(mV) 136.7 117.0 99.2 91.6 74.0 61.1
1109 1111 1114 1117 1120 1123 1126 1129	(Umin.) 0 · ( 0 ·	Gallons Removed 0.016 .264 .343 .423 .502 .561 .661	# 110 9.15 9.19 9.24 9.24 9.26 8.28 8.29 8.30	(Coletus) [3%] 16.95 16.97 16.97 16.92 [6.79 16.87 16.94 [6.94	[0 1 units]* 7.53 7.53 7.53 7.53 7.52 7.52 7.51 7.51	(mS/cm) [3%]* 13.77 13.87 13.87 13.86 13.96 13.96 13.89 13.89	(NTU) (10% or 1 NTU)  3  4  9  10  10	(mg/l) [10% 600 1 mg/l] 3.50 2.10 1.52 1.56 1.59 1.59 1.53 1.47	(mV) 126.7 17.0 99.2 91.6 74.0 61.1
1109 1111 1114 1117 1120 1123 1126 1129	(Umin.) 0 · ( 0 ·	Gallons Removed 0.016 .264 .343 .423 .502 .561 .661	# 110 9.15 9.19 9.24 9.24 9.26 8.28 8.29 8.30	(Celerus) [3%] 16.95 16.97 16.97 16.92 16.79 16.87 16.94 16.93	[0 1 units]* 7.53 7.53 7.53 7.53 7.52 7.52 7.51 7.51	(mS/cm) 13.71 13.82 13.82 13.80 13.96 13.96 13.89 13.89	INTUI (10% or 1 NTU) B B B B C P 10 10	(mg/l) [10% or 0.1 mg/l] 3.50 2.10 1.52 1.56 1.59 1.53 1.47	(mV) 126.2 117.0 99.2 91.6 74.0 61.1 54.5 51.1
105  111  114  117  120  123  1126  1129	(Umin.) 0 · ( 0 ·	Gallons Removed 0.016 .264 .343 .423 .502 .561 .661	Lavel (MTIC) 9.15 9.19 9.24 9.24 9.26 8.29 8.30	(Celerus) [3%] 16.95 16.97 16.97 16.92 16.79 16.87 16.94 16.93	[0 1 units]* 7.53 7.53 7.53 7.53 7.52 7.52 7.51 7.51	(mS/cm) 13.71 13.82 13.82 13.80 13.96 13.96 13.89 13.89	INTUI (10% or 1 NTU) B B B B C P 10 10	(mg/l) [10% or 0.1 mg/l] 3.50 2.10 1.52 1.56 1.59 1.53 1.47	(mV) 126.2 117.0 99.2 91.6 74.0 61.1 54.5 51.1
109   	(Umin.)  0 · (	Gallons Removed  0.016 .264 .343 .423 .502 .591 .061 .740	Lavel (Iff TIC) 9.15 9.19 9.24 9.26 8.29 8.30	(Celerus) [3%] 16.95 16.97 16.97 16.92 16.79 16.87 16.94 16.93	[0 1 units]* 7.53 7.53 7.53 7.53 7.52 7.52 7.51 7.51	(mS/cm) 13.71 13.82 13.82 13.80 13.96 13.96 13.89 13.89	INTUI (10% or 1 NTU) B B B B C P 10 10	(mg/l) [10% 600 1 mg/l] 3.50 2.10 1.52 1.56 1.59 1.59 1.53 1.47	(mV) 126.2 117.0 99.2 91.6 74.0 61.1 54.5 51.1
109   	(Umin.)  0 · (	Gallons Removed 0.016 .264 .343 .423 .502 .591 .061 .740	Lavel (Iff TIC) 9.15 9.19 9.24 9.26 8.29 8.30	(Celerus) [3%] 16.95 16.97 16.97 16.92 16.79 16.87 16.94 16.93	[0 1 units]* 7.53 7.53 7.53 7.53 7.52 7.52 7.51 7.51	(mS/cm) 13.71 13.82 13.82 13.80 13.96 13.96 13.89 13.89	INTUI (10% or 1 NTU) B B B B C P 10 10	(mg/l) [10% or 0.1 mg/l] 3.50 2.10 1.52 1.56 1.59 1.53 1.47	(mV) 126.2 117.0 99.2 91.6 74.0 61.1 54.5 51.1
105  111  114  117  120  123  1126  1129	(Umin.)  0 · (	Gallons Removed  0.016 .264 .343 .423 .502 .591 .061 .740	Lavel (Iff TIC) 9.15 9.19 9.24 9.26 8.29 8.30	(Celerus) [3%] 16.95 16.97 16.97 16.92 16.79 16.87 16.94 16.93	[0 1 units]* 7.53 7.53 7.53 7.53 7.52 7.52 7.51 7.51	(mS/cm) 13.71 13.82 13.82 13.80 13.96 13.96 13.89 13.89	INTUI (10% or 1 NTU) B B B B C P 10 10	(mg/l) [10% or 0.1 mg/l] 3.50 2.10 1.52 1.56 1.59 1.53 1.47	(mV) 126.7 117.0 99.2 91.6 74.0 61.1 54.5 51.1
1109 1111 1114 1117 1120 1123 1125 1129	(Umin.)  0.1  0.1  0.1  0.1  0.1  0.1  0.1  0	Gallons Removed  0.016 .264 .343 .423 .502 .591 .061 .740	Lavel (Iff TIC) 9.15 9.19 9.24 9.26 8.29 8.30	(Celerus) [3%] 16.95 16.97 16.97 16.92 16.79 16.87 16.94 16.93	[0 1 units]* 7.53 7.53 7.53 7.53 7.52 7.52 7.51 7.51	(mS/cm) 13.71 13.82 13.82 13.80 13.96 13.96 13.89 13.89	INTUI (10% or 1 NTU) B B B B C P 10 10	(mg/l) [10% or 0.1 mg/l] 3.50 2.10 1.52 1.56 1.59 1.53 1.47	(mV) 126.7 117.0 99.2 91.6 74.0 61.1 54.5 51.1
109   111   114   117   1120   1123   1129   The stabilize   OBSERVATI   WATER	(Umin.)  0.1  0.1  0.1  0.1  0.1  0.1  0.1  0	Gallons Removed  0.016 .264 .343 .423 .502 .591 .061 .740	Lavel (Iff TIC) 9.15 9.19 9.24 9.26 8.29 8.30	(Celerus) [3%] 16.95 16.97 16.97 16.92 16.79 16.87 16.94 16.93	[0 1 units]* 7.53 7.53 7.53 7.53 7.52 7.52 7.51 7.51	(mS/cm) 13.71 13.82 13.82 13.80 13.96 13.96 13.89 13.89	INTUI (10% or 1 NTUI) B B B C P 10 10 10	(mg/l) [10% or 0 1 mg/l] 3.50 2.10 1.52 1.56 1.59 1.53 1.47	(mV) 136.7 117.0 99.2 \$1.6 74.0 61.1 54.5 51.1
II 09 II II III 4 III 7 II 20 II 23 II 29 The stabilize DBSERVATI WATER	(Umin.)  0.1  0.1  0.1  0.1  0.1  0.1  0.1  0	Gallons Removed  0.016 .264 .343 .423 .502 .591 .061 .740	Lavel (Iff TIC) 9.15 9.19 9.24 9.26 8.29 8.30	(Celerus) [3%] 16.95 16.97 16.97 16.92 16.79 16.87 16.94 16.93	[0 1 units]* 7.53 7.53 7.53 7.53 7.52 7.52 7.51 7.51	(mS/cm) 13.71 13.82 13.82 13.80 13.96 13.96 13.89 13.89	INTUI (10% or 1 NTUI) B B B C P 10 10 10	(mg/l) [10% or 0 1 mg/l] 3.50 2.10 1.52 1.56 1.59 1.53 1.47	(mV) 136.7 117.0 99.2 \$1.6 74.0 61.1 54.5 51.1
II 09 II	(Umin.)  0.1  0.1  0.1  0.1  0.1  0.1  0.1  0	Gallons Removed  0.016 .264 .343 .423 .502 .591 .061 .740	Lavel (Iff TIC) 9.15 9.19 9.24 9.26 8.29 8.30	(Celerus) [3%] 16.95 16.97 16.97 16.92 16.79 16.87 16.94 16.93	[0 1 units]* 7.53 7.53 7.53 7.52 7.52 7.51 7.51 7.51	(mS/cm)  3% *  13.77  13.52  13.57  13.56  13.96  13.96  13.89  13.89	INTUI (10% or 1 NTUI) B B B C P 10 10 10	(mg/l) [10% or 0 1 mg/l] 3.50 2.10 1.52 1.56 1.59 1.53 1.47	(mv) 136.7 117.0 99.2 \$1.6 74.0 61.1 54.5 51.1
II 09 II	(Umin.)  0.1  0.1  0.1  0.1  0.1  0.1  0.1  0	Gallons Removed  0.016 .264 .343 .423 .502 .591 .061 .740	Lavel (Iff TIC) 9.15 9.19 9.24 9.26 8.29 8.30	(Celerus) [3%] 16.95 16.97 16.97 16.92 16.79 16.87 16.94 16.93	[0 1 units]* 7.53 7.53 7.53 7.52 7.52 7.51 7.51 7.51	(mS/cm) 13.71 13.82 13.82 13.80 13.96 13.96 13.89 13.89	INTUI (10% or 1 NTUI) B B B C P 10 10 10	(mg/l) [10% or 0 1 mg/l] 3.50 2.10 1.52 1.56 1.59 1.53 1.47	(mV) 1100-17-117-0 99-2 \$1.56 74.0 51.1 54.5 51.1
1109 1111 1114 1117 1120 1123 1125 1129 The stabilize OBSERVATI WATED	(Umin.)  0.1  0.1  0.1  0.1  0.1  0.1  0.1  0	Gallons Removed  0.016 .264 .343 .423 .502 .591 .061 .740	Lavel (Iff TIC) 9.15 9.19 9.24 9.26 8.29 8.30	(Celerus) [3%] 16.95 16.97 16.97 16.92 16.79 16.87 16.94 16.93	[0 1 units]* 7.53 7.53 7.53 7.52 7.52 7.51 7.51 7.51	(mS/cm)  3% *  13.77  13.52  13.57  13.56  13.96  13.96  13.89  13.89	INTUI (10% or 1 NTUI) B B B C P 10 10 10	(mg/l) [10% or 0.1 mg/l] 3.50 2.10 1.52 1.56 1.59 1.53 1.47	(mv) 136.7 117.0 99.3 74.0 61.1 54.5 51.1

Key No.	E31-0	5		Site	gMA Name	G.E. P	H, field	- GMA-)	
	_NA			Samplin			BI KMG		
	(ground (ppm)	NA				10/10/0			18 = 18
Well Hea	idspace (ppm)	NA.		*.5	Weather	CLEAR, 7	70-75°		
VELL INFORM	MATION						Sample Time	1325	
Reference	Point Marked?	(D) N					Sample ID	ES1-05	22.000
Height of F	Reference Point	0	Meas From	TIC			Duplicate ID		- 28 -
110000000000000000000000000000000000000	Well Diameter	2 inch						COLECTED	
Scree	n Interval Cepth	35-45Ft	Meas, From	365			Split Sample ID		
	iter Table Depth			TIC					
		44. 80 ft		TIC		Requirer	Analytical	Parameiers.	Collected
Length a	f Water Column					1 10	145/400	(Std. fist)	/ /
	of Water in Well		1					(Esp.list)	
	of pump/tubing	1 (2002) (Control 2002) (Control 2002)	Meas, From	TIC				OCs	
DMIN SOLVENIER	hasina e e e e e e e e e e e e e e e e e e e		episterativity and t					(Total)	7 1
eterence Pere	it Identification					S 1		Jissoived)	
	res (PVC) casing					3 (	20.0000000000	org (Total)	
	uter (protective) :					1		(Dissolved)	
	round Surface	Production of the Control of the Con				14 31		s/PCDFs	(c) W
metropolita, id	Country College							vHerb	F
ledevolaa7	v 60					W 5		Attenusition	
activorato.	ν Θ							(Spanity)	X
VACULATION.	NIFORMATION.					1 X			
	INFORMATION	10 20				6	rercury - t	ILTERED AND	) WHILE
	Start Time	12 STE	To a		F			~	
	ump Stop Time	1904	233		Evacuation Met				a war
Minutes of Par	ationi		100		Prestallat Pum		danaesibla Puma (		10x 1 0
folume at wate. But well go dry	P-	2.3 ga	1				valk 949t		
	Water Quality N	fator Typers) / S	oruil Numbers	Y51556	1036146	IAI	HACH 1	TURB dMete	K
	Pump	Total	Water	Temp.	pH	Sp. Cond.	Turbidity	DG	ORP
Time	Rate	Gallons	Lavel	(Celclus)		(mS/cm)	1417711	(mg/l)	(mV)
	The second second		The second	11.4.2 (0.000) (0.000) (0.000)			(NTU)		Cities
	(Limin.)	Removed	(ft TIC)	13%1*	[0.1 omts]*	13%)*	The second of th	[10% and 1 mgd]*	[10 mV]*
17:2h	(Limin.)	Removed		[3%];	[0.1 omts]*		The second of th	Marie 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
12:36	.150		31.9		[0.1 mits]*	[3%]*	[195 or 1 NTU]*	[10% or 0.1 mgd]*	[10 mV]*
1240	./50	0.7565	39.95		[0.1 onits]*	[3%]*	110% or 1 NTUP	[10% or 0.1 mgd]*	[10 mV]*
1240	.150	0.7565 0.688	39.95 39.95 40.07	1		1321.	105 or 1 NTU - 89 40 10	[10% or 0.1 mgd]*	[10 mV]*
1240	./60	0.7265 0.688 0.979	39.95 39.95 40.01 39.95	18.27	- - 6.15	1.796	105 or 1 NTU - 89 40 10 5	- 0.03.2	[10 mV].
1240	0.100	0.7265 0.688 0.979	31.9 39.95 40.01 39.95 39.96	18.27	6.75	1.796	89 40 10 5 4	0.032 0.13	-59.8 - 65
1240 1250 1300 1305 1310	./50 ./00 ./60 ./10 0./00	0.7265 0.688 0.979 1.111	39.95 40.01 39.95 39.96 39.90	18.27 17.12 17.5%	6.75 6.69	1.796	105 or 1 NTU - 89 40 10 5	0.032 0.23 0.23	-59.8 - 65 - 58.2
1240 1250 1310 1310 1313	./50 ./00 ./60 ./10 0./00 0./00	0.765 0.688 0.979 1.111 1.243 1.322	31.9 39.95 40.01 39.95 39.96 39.90 39.91	18.27 17.12 17.5% 17.15	6.75 6.69 6.71 6.72	1.796 1.609 1.843 1.888	10 50 40 10 50 40 10 50 40 10 50 40 10 50 40 10 50 40 10 50 10 10 10 10 10 10 10 10 10 10 10 10 10	0.032 0.23 0.23 0.22	-59.8 -58.2 -58.2
1240 1250 1316 1315 1310 1313	./50 ./00 ./60 ./10 0.100 0.100	0.765 0.688 0.979 1.111 1.243 1.322	31.9 39.95 40.01 39.95 39.96 39.90 39.91	18.27 17.12 17.58 17.16	6.75 6.69 6.71 6.72	1.796 1.609 1.843 1.888	10 50 4 3 2 2	0.032 0.23 0.23 0.23 0.22 0.22	-59.8 -58.2 -58.2 -59.3
1240 1250 1310 1315 1310 1313	./50 ./00 ./60 ./10 0./00 0./00	0.765 0.688 0.979 1.111 1.243 1.322	31.9 39.95 40.01 39.95 39.96 39.90 39.91	18.27 17.12 17.5% 17.15	6.75 6.69 6.71 6.72	1.796 1.609 1.843 1.888	10 50 40 10 50 40 10 50 40 10 50 40 10 50 40 10 50 40 10 50 10 10 10 10 10 10 10 10 10 10 10 10 10	0.032 0.23 0.23 0.22	-59.8 -58.2 -58.2
1240 1250 1316 1315 1310 1313	./50 ./00 ./60 ./10 0.100 0.100	0.765 0.688 0.979 1.111 1.243 1.322	31.9 39.95 40.01 39.95 39.96 39.90 39.91	18.27 17.12 17.58 17.16	6.75 6.69 6.71 6.72	1.796 1.609 1.843 1.888	10 50 4 3 2 2	0.032 0.23 0.23 0.23 0.22 0.22	-59.8 -58.2 -58.2 -59.3
1240	./50 ./00 ./60 ./10 0.100 0.100	0.765 0.688 0.979 1.111 1.243 1.322	31.9 39.95 40.01 39.95 39.96 39.90 39.91	18.27 17.12 17.58 17.16	6.75 6.69 6.71 6.72	1.796 1.609 1.843 1.888	10 50 4 3 2 2	0.032 0.23 0.23 0.23 0.22 0.22	-59.8 -58.2 -58.2 -59.3
12 40 1250 1301 1305 1310 1313 1316 1313	./50 ./60 ./60 ./60 0.100 0.100 0.100	0.765 0.688 0.979 1.111 1.243 1.312 1.401 1.480	31.9 39.95 40.01 39.95 39.96 39.91 39.91 39.91	18.27 17.12 17.5% 17.16 17.33 17.50	6.75 6.69 6.71 6.72 6.72 6.72	1.796 1.796 1.843 1.888 1.886 1.905	145 or 1 NTUJ 89 40 10 5 4 3 2 2	0.032 0.13 0.13 0.22 0.22 0.22	-54.8 - 65 - 58.2 - 58.2 - 59.3
12 40 12 50 13 10 13 10 13 13 13 16 13 13	./50 ./60 ./60 ./10 0.100 0.100 0.100	0.765 0.688 0.979 1.11 1.243 1.322 1.401 1.480	31.9 39.95 40.01 39.95 39.96 39.91 39.91	18.27 17.12 17.59 17.15 17.33 17.50	6.15 6.69 6.71 6.72 6.75 6.72	1.796 1.796 1.843 1.886 1.905	19 40 10 5 4 3 2 2 2 2 als) is listed in each	0.03.2 0.13 0.13 0.22 0.22 0.22 0.22	-59.8 - 65 -58.2 -58.2 -59.3 -59.3
12 40 12 50 13 10 13 10 13 13 13 16 13 13	./50 ./60 ./60 ./10 0.100 0.100 0.100 0.100	0.765 0.688 0.979 1.11 1.243 1.322 1.401 1.480	31.9 39.95 40.01 39.95 39.96 39.91 39.91 39.91	18.27 17.12 17.56 17.16 17.33 17.50	6.15 6.69 6.71 4.72 6.72 6.72	1.796 1.796 1.843 1.886 1.905	19 40 10 5 4 3 2 2 2 2 als) is listed in each	0.032 0.13 0.13 0.22 0.22 0.22	-59.8 - 65 -58.2 -58.2 -59.3 -59.3
12 40 12 50 13 10 13 10 13 13 13 16 13 13 The stabilization on SERVATION MIDDER A	./50 ./60 ./60 ./10 0.100 0.100 0.100 0.100	0.765 0.688 0.979 1.11 1.243 1.322 1.401 1.480	31.9 39.95 40.01 39.95 39.96 39.91 39.91 39.91	18.27 17.12 17.58 17.16 17.33 17.50	6.15 6.69 6.71 4.72 6.72 6.72	1.796 1.619 1.843 1.888 1.886 1.905	19 40 10 5 4 3 2 2 2 2 als) is listed in each	0.03.2 0.13 0.13 0.22 0.22 0.22 0.22	-59.8 - 58.2 - 58.2 - 58.2 - 59.3 - 58.7
12 40 12 50 13 10 13 10 13 13 13 14 13 13 The stabilization OBSERVATION MODERA	./50 ./60 ./60 ./10 0.100 0.100 0.100 0.100 0.100 0.100	0.765 0.688 0.979 1.111 1.243 1.322 1.401 1.480  ech field parame	31.9 39.95 40.01 39.95 39.90 39.91 39.91 39.91 ter (three constantions	18.27 17.12 17.56 17.16 17.33 17.50	6.15 6.69 6.71 4.72 6.72 6.72	1.796 1.619 1.843 1.888 1.886 1.905	19 40 10 5 4 3 2 2 2 2 als) is listed in each	0.03.2 0.13 0.13 0.22 0.22 0.22 0.22	-59.8 - 58.2 - 58.2 - 58.2 - 59.3 - 58.7
12 40 1250 1310 1315 1310 1313 1316 1313 The stabilization Mode Ra Final f	./50 ./60 ./60 ./10 0.100 0.100 0.100 0.100	0.765 0.688 0.979 1.111 1.243 1.322 1.401 1.480  ech field parame	31.9 39.95 40.01 39.95 39.90 39.91 39.91 39.91 ter (three constantions	18.27 17.12 17.58 17.16 17.33 17.50	6.15 6.69 6.71 4.72 6.72 6.72	1.796 1.619 1.843 1.888 1.886 1.905	19 40 10 5 4 3 2 2 2 2 als) is listed in each	0.03.2 0.13 0.13 0.22 0.22 0.22 0.22	-59.8 -65 -58.2 -58.2 -59.3 -58.7
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12 40 1250 1310 1315 1310 1313 1316 1313 The stabilization Mode Ra Final f	./50 ./60 ./60 ./10 0.100 0.100 0.100 0.100	0.765 0.688 0.979 1.111 1.243 1.322 1.401 1.480  ech field parame	31.9 39.95 40.01 39.95 39.90 39.91 39.91 39.91 ter (three constantions	18.27 17.12 17.58 17.16 17.33 17.50	6.15 6.69 6.71 4.72 6.72 6.72	1.796 1.619 1.843 1.888 1.886 1.905	19 40 10 5 4 3 2 2 2 2 als) is listed in each	0.03.2 0.13 0.23 0.22 0.22 0.22	-59.8 -65 -58.2 -58.2 -59.3 -58.7
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$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	\$1000 PH 5 000000 PT 45	GMAI-	4			JGMA Name	GMA	(1- 15)		
Weather   Go - T0 * m0-stly		CONTRACTOR			_ Sampli	ng Personnel	K GR-05	S/R BLAS	dhd	
Reference Point Marked    O N   Sample Time   D2-6   Sample Time   D2-		() 기가 하는 생생님이 있었다.								
Reference Point Marked   3	Well Hea	dspace (ppm)	_NA			Weather	60-70"	, mostly	clear, sur	my
Height of Reterence Point   3-51	VELL INFORM	ATION								
Well Camber   Table Depth   16, 3-10.5 Meas. From   Table Depth   16, 19-10.5 Meas. From   Table Depth   16, 19-10.5 Meas. From   Table Depth   19, 19   Meas. From   Table Depth of pumprituding   19, 2, 3   Meas. From   Table Depth of pumprituding   19, 2, 3   Meas. From   Table Depth of pumprituding   19, 2, 3   Meas. From   Table Depth of pumprituding   19, 2, 3   Meas. From   Table Depth of pumprituding   19, 2, 3   Meas. From   Table Depth of pumprituding   19, 2, 3   Meas. From   Table Depth of pumprituding   19, 2, 3   Meas. From   Table Depth of pumprituding   19, 2, 3   Meas. From   Table Depth of pumprituding   19, 2, 3   Meas. From   Table Depth of pumprituding   19, 2, 3   Meas. From   Table Depth of pumprituding   19, 2, 3   Meas. From   Table Depth of pumprituding   19, 2, 3   Meas. From   Table Depth of pumprituding   19, 2, 3   Meas. From   Table Depth of pumprituding   19, 2, 3   Meas. From   Table Depth of pumprituding   19, 2, 3   Meas. From   Table Depth of pumprituding   19, 2, 3   Meas. From   Table Depth of pumprituding   19, 2, 3   Meas. From   Table Depth of pumprituding   19, 2, 3   Meas. From   Table Depth of pumprituding   19, 2, 3   Meas. From   19, 2, 3	Reference	Point Marked?	(3) N		W			Sample ID	GMAI-4	
Walt Clamer   Z	Height of F	Reference Point	3.51h	Meas, From	365					
Screen interval Depth   16, 2-7, 0, 2   Meas. From   16   Well Depth   16, 0, 19   Meas. From   16   Well Depth   16, 0, 19   Meas. From   16   Well Depth   16, 19   Meas. From   16   Well Depth   16, 19   Meas. From   16   Well Depth   16, 19   Meas. From   16   Wolf Column   2-1   VOCs. (Sids. Isst)   VOCs. (Sids. Isst		Well Diameter	2							
Water Table Depth   9,49   Meas From   TLC   Required   Analytical Parameters   Collected   Longth of Water Column   2-1   VOCs (Std. Stat)   1   VOCs (Std.	Screen	n Interval Depth	10.3-20.3	Meas From	1365					
West								REFORMATION OF PROPERTY		
Longith of Water in West   D, G. Z.     Intake Depth of pumprishing   15.3   Meas From   BUS		Well Depth	19.19	Meas From	TIC		Required	Analytical	Parameters	Collected
Intake Depth of pumprishing   \$4, 3   Meas From   \$65     SVOCs   PCBs (Total)	Length of	Water Column	3.2				6 3	VOCs	Std. list)	1 1
Intake Depth of pumprishing   \$4, 3   Meas From   \$65     SVOCs   PCBs (Total)	Volume o	of Water in Well	0.521				(×)	VOCs	(Exp.list)	(4)
### Samples collected by Laren method as executation?   PCBs (Total)   PCBs (Dissolved)				Meas From	BUS		4 1	sv	OCs	
PCBs (Disselved)   PCBs (Disse							4 1	PCBs	(Total)	1 1
C Too of Inner (PVC) cosing  2. Top of cuter (protective) casing rates (protective) case (protective) casing rates (protec	eference Poin	t Identification					140		N. 18 (19 (19 (19 (19 (19 (19 (19 (19 (19 (19	6 4
Metals/leng (Dissolved)	C. Top at Inn	er (PVC) casing					10 1			7 7
PCDD=PCFFs							1			6 7
PostNorth   Natural Attentistion		5/22	,				E7 70			E 1
Natural Attenuation   Other (Specify)   Other		-39104 64113460					0.00			C - 1
VACUATION INFORMATION Pump Start Time Pump Start Time Pump Start Time Pump Start Time Start Time Pump Start Time Start Time Pump Start Time Pump Start Time Restate Pump Submerable Pump () Submerable Pump () Pensistate Pump X) Submerable Pump () Pump Type () Samples collected by start method as executions of X NC-pool V  Water Quality Meter () Sensi Numbers  YSI FF6/F2 HACH 2100 P / GN 9607  Time Rate Gallons Level (Culcius) (Pump Rate Gallons Level (Pump X) (Pump X) (Pump Rate Gallons Level (Pump X) (Pump Rat	ndevelon7	v (G)					2 4	11.00 M		- N A
Pump Start Time	ruc velop r						20.0			W W
Pump Start Time	VACUATION	INFORMATION					50 30	Canto	(aperan)	10 (8)
Pump Step Time			Part of the second seco							
CA						17-3-1-10-1-10-1-1-1-1-1-1-1-1-1-1-1-1-1-1	Bail Draw	1. Elaylides Di	mer / 1	
Pump Type   Samples collected by same method as executation?   N(specify)		10							The state of the s	do I a
Samples collected by summanifeed as exceptions of Nicopoles   Vol. 1960   Vo			CARLO DE SERVICIONE DE CONTRACTOR DE CONTRAC					1995 till og men men men sammen manner att	) Salestination	418 T T
Water Quality Meter   Fype(s)   Sentiti Numbers   YS    GSD   #2   HACH   2100 P   GN 9807			1.46					A CONTRACTOR OF THE PARTY OF TH		
(4.7mm.) Removed (4.17C) [3%] [0.1 units] [3%] [10% or 1NTU] [10% or 0.1 mg/l] (10.mv) [0.4.2		Pump	Total	Water	Tonsp.		Sp. Cond.	Turbidity	DO	
6943 0.1 0.264 16.16 15.63 7.22 1.270 4 9.04 200.0 0949 0.1 .396 16.17 15.594 7.39 1.240 3 9.91 168.0 0953 0.1 .555 16.13 15.60 7.45 1.239 3 9.16 146.0 0959 0.1 .660 16.17 15.56 7.50 1.244 2 9.35 170.3 1003 0.1 .619 16.17 15.58 7.52 1.244 2 9.35 170.3 1003 0.1 .951 16.17 15.64 7.53 1.244 2 9.43 115.0 1013 0.1 1.093 16.17 15.17 7.55 1.244 2 9.43 115.0 1013 0.1 1.215 16.17 15.71 7.55 1.244 1 9.45 109.3 1018 0.1 1.215 16.17 15.71 7.55 1.244 1 9.45 109.3 1023 0.1 1.295 16.17 15.79 7.56 1.244 1 9.45 104.2 1023 0.1 1.295 16.17 15.79 7.56 1.244 1 9.45 104.2 1023 0.1 1.295 16.17 15.97 7.56 1.244 1 9.45 100.5  *The stabilization criteria for each field parameter (three consecutive readitor)s collected at 3- to 5-minute intervals) is listed in each column heading.  **The stabilization criteria for each field parameter (three consecutive readitor)s collected at 3- to 5-minute intervals) is listed in each column heading.  **OBSERVATIONS/SAMPLING METHOD DEVIATIONS H20 Clear Odopaless. At et al. 0.5 Mag.  **AMPLE DESTINATION**	111110	10 11 11 11 11 11 11 11 11 11 11 11 11 1			110000000000000000000000000000000000000	(A) + control*		The second of th	Marketin 200 Telephonesis	
0949 0.1 .396 16.17 15.54 1.39 1.240 3 9.92 168.0 0953 0.1 .555 16.17 15.60 7.45 1.239 3 9.16 146.0 0959 0.1 .660 16.17 15.56 7.50 1.244 2 9.35 130.7 10.03 0.1 .619 16.17 15.58 7.52 1.244 2 9.34 121.9 10.09 0.1 .951 16.17 15.64 7.53 1.244 2 9.43 115.0 10.13 0.1 1.093 16.17 15.71 7.55 1.244 1 9.43 109.3 1018 0.1 1.215 16.17 15.71 7.55 1.244 1 9.45 104.2 10.13 0.1 1.295 16.17 15.79 7.56 1.244 1 9.45 104.2 10.23 0.1 1.295 16.17 15.97 7.56 1.244 1 9.45 104.2 10.23 0.1 1.295 16.17 15.97 7.56 1.244 1 9.45 100.5	60.40					the state of the s		-		
0953 0.1 .555 16.17 15.60 7.45 1.239 3 9.16 146.0 0953 0.1 .660 16.17 15.56 7.50 1.244 2 9.35 130.7 10.03 0.1 .819 16.17 15.58 7.52 1.244 2 9.34 121.9 10.03 0.1 .951 16.17 15.64 7.53 1.244 2 9.43 115.0 10.03 0.1 .951 16.17 15.64 7.53 1.244 2 9.43 115.0 10.13 0.1 1.093 16.17 15.71 7.55 1.244 1 9.43 109.3 10.18 0.1 1.215 16.17 15.79 7.56 1.244 1 9.46 104.2 10.23 0.1 1.295 16.17 15.79 7.56 1.244 1 9.45 104.2 10.23 0.1 1.295 16.17 15.87 7.56 1.244 1 9.45 100.5  The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading.  DBSERVATIONS/SAMPLING METHOD DEVIATIONS H20 CLEAR 0 d0p2/2555. At end of Mage,  All CLEAR, Hall 1555.	and the latest and th	Access to the last transfer of			THE RESERVE OF THE PARTY OF THE	The second second second				
0.1										
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The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is fisted in each column heading.  **BESERVATIONS/SAMPLING METHOD DEVIATIONS H20 CLEAR, 0 d0 PLESS. AT \$FF0 0 F MRGE,  **LO CLEAR, 8 d0 k 255.**  **SAMPLE DESTINATION**										104. 2
The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is fisted in each column heading.  BESERVATIONS/SAMPLING METHOD DEVIATIONS HOUSE ON CLEAR, ON ORIESS. AT ELOL OF PURGE,  LO CLEAR, ON ESS.						7.56	The state of the s		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	104.6
SERVATIONS/SAMPLING METHOD DEVIATIONS HOU CLEAR, O dOPLESS. AT ELO OF PURGE,	1023	0.1	1.295	16.17	15.97	7.76	1.244		9.87	100.17
BSERVATIONS/SAMPLING METHOD DEVIATIONS HOU CLEAR, ODORIESS. AT ELOL OF PURGE,		-	-		+			-		
SAMPLE DESTINATION		-			-					
SAMPLE DESTINATION	The stabilizat	tino cotena for e	ach field narame	er (three cons	ecutive readions of	follected at 3- to	5-minute intervi	als) is listed in each	column heading.	7
SAMPLE DESTINATION					Han o	leab	ndordes	s. At e	Ld of bu	bac,
SAMPLE DESTINATION					1-1-4	1				9 ,
	ruju v	ione,	OMORIO 2	539						
	-									
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Laboratory 5 G S  Delivered Via: 4 P S  Airbill #: Field Sampiling Coordinator: Field Sampiling Coordinator: 5	SAMPLE DES	TINATION							53,45807	
Delivered Via: 4 P 3 Airbill # Field Sampling Coordinator: Field Sampling Coordinator:	Laboratory	565			_				11	
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						Field Samplin	g Coordinator:	/ may	sen .	
	3733410.00							11		
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PID Backgro Well Heads NELL INFORMAT Reference Po Height of Ref	round (ppm) space (ppm)	NA		- Party 1999	rGMA Name ng Personnel	K GROSSI	R Blasta	du I	
Well Heads VELL INFORMAT Reference Po Height of Ref W	space (ppm)	NA		12/10/2003/10/10					
VELL INFORMAT Reference Po Height of Ref W					Date	10/9/03		ario	
Reference Pr Height of Ref W	TION	NA		-			mostly 6	lear, Gul	INV
Height of Ref W	HUN						Sample Time	14 35	
W	oint Marked?	Y N					Sample ID	B-2	
	ference Point Vell Diameter	10.25 In	Meas, From	869			Duplicate ID	NA	
			- 	12/1			MS/MSD.	NA	
	nterval Depth	_	Meas: From	BUS			Split Sample ID	_NA	
water	Table Depth	2 -2 4	Meas. From	Tic					
2 10 200	Well Depth	The same of the sa	Meas From	II6		Required	Analytical I	Parameters:	Collected
The second secon	Vater Column	The second second second second second				f 1	100 th 1 172 th	(Std. list)	1 1
	Water in Well			100000020		W. 28	VOCs	(Exp.list)	1 1
Intake Depth of	pump/tubing	13	Meas From	865		1 1		OCs .	1 1
						E 3	PCBs	(Total)	1 0
eference Paint Id	dentification					1 1	PCBs (C	Dissolved)	(1 / )
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OC. Top of outer	r (protective)	casing				1 1	Mutals/Inorg	. (Dissolved)	4 9
rade/BGS Grou	and Surface					1 1	PCDD	WPCDFs	1 1
						V 2		/Herb	¥ %
edevelop? Y	(N)					10.00	National A	dtenuation	96 01
	~					·* )		Specify)	~
VACUATION INF	FORMATION					Mi	ekchey (F		1.X
Pum	p Start Time	1351				5,300		III. F MITT	(T-)
	p Stay Table	1435		25	Evocuation Mot	hod Baller (	) Bladdeter Po	come de la	
	22 35						imerable Pump (	10000	nectly ( )
Manuschman and I Transplantation	22.55							1.0 C (2019) e17250	BEACHS ( )
Minutes of Pumpir		7 400			Perestallis Pum;	Table Double Day			8 60 87.3
foliame of water to bit well up dry?	Y 🔞	2.906 ga			Pump Type Samples collect	_GEOPUL tool by sumo mot		N(special	(y)
olume of water to hit well up dry?	omoved Y 🔘 Cator Quality N	tete: Typo(s) / Sc	enal Numbers	YSL 55	Samples collect	_GEOPH tool by sumb mot , HACH	MP Det is ovacuation 2100 P/9	<sup>7</sup>	
olume of water re hit well up day? Wi	omoved Y   Ottor Quality N  Pump	feter Type(s) / Se	enal Numbers Water	YS 55	Pump Type Samples collect	GEOPUN  Del Dy Suma men  HACH  Sp. Cond.	MP hert is overselled 2.100 P/S Turbidity	© N(1999) FORP MG	ORP
olume of water to hit well go dry?	omoved Y   (afor Quality S  Pump  Rate	Total Gallons	enal Numbers Water Level	YSL 55 Tomp. (Celclus)	Fump Type Samples collect blo / # 2 pH	GEOPH by Summe read HACH Sp. Cond. (mS/cm)	MP best is evaluation 2-1-00-P/S Turbidity (NTU)	7 (Neperator) (V) (N 9807)  DO (Noperator)	ORP (inV)
olume of water re bit well up dry? Wi	omoved Y Otal (atar Quality N Pump Rate (Umin.)	Total Gallons Removed	Water Level (ft TJC)	YSL 55 Tomp. (Celclus)	Fump Type Samples collect        # 2     pH	GEOPH bed by sume med HACH  Sp. Cond. (mS/cm) [3%]	Turbidity (NTU)	7 (Neperator V Neperator V N 9807 N 900 N (Naperator V Naperator V N N N N N N N N N N N N N N N N N N	ORP (inV)
olume of water residued up dry?  William	Pump Rate [Umin.]	Total Gallons	Water Level (ft TIC) G · 4 7	YSL 55 Tomp. (Celclus) [3%]*	Fump Type Samples collect  PL / # 2  pH  [0 1 units]*	GEOPH	MP 2100 P/S Turbidity (NTU) (10% or 1 NTU) 38	OO (mg/l) [1076 or 0.1 mg/l) 2. 55	ORP (inV) (10 inV)*
Nume of water residues of water residues of water residues of water residues of the residues o	Pump Rate [Umin.]	Total Gallons Removed	Water Level (ft TIC) G . 4 7	YSL 55 Tomp. (Celctus) [3%]* 15.40 14.64	Fump Type Samples collect  PL / # 2  pH  [0 1 units]*  C-30  6-59	GEOPH	MP 2100 P/9  Turbidity (NTU) 38 30	00 (mg/l) [10% to 0.1 mg/l] 2.95	ORP (inV) (10 inV) -128.4
olume of water to ad well go day?  With the second	Pump Rate [Umin.] . 25	Total Gallons Removed	Water Level (ft TIC) 9 - 47 5 - 51 5 - 53	YSL 55 Tomp. (Celclus) [3%]* 15.40 14.64 14.64	Fump Type Samples collect    6	9p. Cond. (mS/cm) [3%]* 1.16 22 1.471	100 P/9  Turbidity (NTU) (10% or 1 NTU)  38  36	00 (mg/l) [10% to 0 1 mg/l] 2.95 [1.05]	ORP (inV) (10 inV) -128.4 -123.2
Time 1357 14 10 14 05	Pump Rate [Umin.] . 25	Total Gallons Removed	Water Level (ft TIC) 5 - 47 5 - 51 5 - 53 5 - 55	YSL 55 Tomp. (Celctus) [3%]* 15.40 14.64 14.64	Fump Type Samples collect b / # 2  pH  [0 1 units]*  6 9 9  6 9 9  6 9 9  6 9 9	9p. Cond. (mS/cm) (3%) 1.16 L2 1.471 1.362	71 p. manuation 2   00 P / 9  Turbidity (NTU) [10% or 1 NTU] 3 8 3 6 3 6	00 (mg/l) (10% nc 0 1 mg/l) (1	ORP (inV) ;10 inV) -128.4 -123.3 -113.1
Time  1357 1400 1409	Pump Rate [Umin.] . 25 . 25	Total Gallons Removed	Water Level (ft TIC) 5 - 47 5 - 51 5 - 53 5 - 55 6 - 57	YS   55 Tomp. (Celclus) [3%]* 15.40 14.65 14.65 14.51 14.41	Fump Type Samples collect by / # 2  pH  [0 1 units]*  6 59  6 59  6 55  6 55	9p. Cond. (mS/cm) [3%]* 1.10 L2 1.471 1.40 6 1.362 1.346	71 p. manualism 2   00 P / 9  Turbidity (NTU) (10% or 1 NTU) 38 3 k 3 k 3 k 3 k 3 k	00 (mg/l) (10% to 0 1 mg/l) (1	ORP (inV) ;10 inV) -128.4 -123.5 -113.1
Time  1357 1400 1463 1409 1412	Pump Rate [Umin.] . 25 . 25 . 25	Total Gallons Removed	Water Level (ft TIC) 5 - 47 5 - 51 5 - 55 5 - 55 6 - 57 9 - 59	YS   55 Tomp. (Celclus) [3%]* 15.40 14.65 14.51 14.51 14.41 14.60	Fump Type Samples collect by / # 2  pH  [0 1 units]*  6 59  6 59  6 55  6 55  6 55	9p. Cond. (mS/cm) (3%) 1.622 1.471 1.40 8 1.362 1.326	71 p. manuation 2   00 P/9  Turbidity (NTU) (10% or 1 NTU) 38 30 36 35 31	00 (mg/l) (10% nc 0 1 mg/l) (1	ORP (inV) ;10 mV) -128.4 -123.3 -113.1 -113.3
Time  1357 1400 1409 1412 1415	Pump Rate [Umin.] . 25 . 25 . 25 . 25	Total Gallons Removed	Water Level (ft TIC) 5 · 47 5 · 53 5 · 53 5 · 55 6 · 51 9 · 99 5 · 60	YS   55 Tomp. (Celclus) [3%]* 15.40 14.65 14.51 14.41 14.40 14.40	Fump Type Samples collect by / # 2  pH  [0 1 vm/s]*  v. 90  v. 95  v. 95	GEOPH by Summe most HACH  Sp. Cond. (mS/cm) [3%]  1.1e LZ 1.471 1.40 B 1.36 Z 1.326 1.326	71 p. manualism 2   00 P/9  Turbidity (NTU) (10% or 1 NTU) 38 36 36 35 21 21	N 9807  00 (mg/l)  112% or 0 1 mg/l  2.95  1.06  0.57  0.56  0.40  0.33	ORP (inV) -128.4 -123.2 -113.1 -113.3 -113.0
Time  1357 1400 1409 1412 1415 1418	Pump Rate [Umin.] . 25 . 25 . 25 . 25	Total Gallons Removed	Water Level (ft TIC) 5 · 47 5 · 53 5 · 53 5 · 55 6 · 51 9 · 99 5 · 60	Tomp. (Celclus) [3%]* 15.40 14.65 14.51 14.41 14.40 14.40 14.27	Fump Type Samples collect by / # 2  pH  [0 1 units]*  6.90  6.95  6.95  6.95  6.91  6.50  6.59	GEOPH Deathy summer most HACH Sp. Cond. (mS/cm) [3%] 1.16 LZ 1.471 1.40 3 1.362 1.326 1.326 1.324	71 p. manualism 2   00 P / 9  Turbidity (NTU) [10% or 1 NTU] 38 3 k 3 k 3 k 3 k 3 k 3 k 3 k 3 k 3 k 3 k	N 9807  DO (mg/l)  [Million of Linght 2.55 1.06 1.66 0.57 0.56 0.40 0.33 0.28	ORP (inV) -128.4 -123.2 -113.1 -113.3 -113.6
Time  1357 1400 1463 1409 1412 1415 1418	Pump Rate [Limin.] . 25 . 25 . 25 . 25 . 25	Total Gallons Removed	Water Level (ft TIC) 5.47 5.51 5.55 5.57 5.59 5.59 5.60 5.61	YS   55 Tomp. (Celclus) [3%]* 15.40 14.65 14.91 14.41 14.60 14.27 14.29	Fump Type Samples collect	9p. Cond. (mS/cm) [3%] 1. le LZ 1. 41 1 1. 40 3 1. 32 4 1. 32 4 1. 32 4	71 p. manualism 2   00 P/ 9  Turbidity (NTU) (10% or 1 NTU) 38 3 k 3 k 3 k 3 k 3 k 3 k 3 k 3 k 3 k 3 k	N 9807  DO (mg/l)  [N/% or of 1 mg/l)  2. 55  1. 06  1. 06  0. 51  0. 54  0. 32  0. 28  0. 27	ORP (inV) -128.4 -123.2 -113.1 -113.3 -113.6 -113.6
1357 i400 1409 1412 1418	Pump Rate [Umin.] . 25 . 25 . 25 . 25	Total Gallons Removed	Water Level (ft TIC) 5 · 47 5 · 53 5 · 53 5 · 55 6 · 51 9 · 99 5 · 60	Tomp. (Celclus) [3%]* 15.40 14.65 14.51 14.41 14.60 14.40 14.27 14.29	Fump Type Samples collect	GEOPH party same most p. HACH Sp. Cond. (mS/cm) [3%] 1. le LZ 1. 41 6 1. 36 2 1. 32 6 1. 32 6 1. 32 4 1. 32 4 1. 32 4 1. 32 4	71 p. manualism 2   00 P / 9  Turbidity (NTU) (10% or 1 NTU) 3 8 3 4 3 6 3 5 3 1 2 6 2 5 2 1 2 6 2 5 2 3 2 1	N 9807  DO (mg/l)  [N7% or of 1 mg/l)  2. 55  1. 0 to  0. 57  0. 54  0. 33  0. 28  0. 27  0. 27	ORP (inV) -128.4 -123.2 -113.1 -113.3 -113.1 -113.9 -113.7
1357 i400 1463 1409 1412 1415 1418	Pump Rate [Limin.] . 25 . 25 . 25 . 25 . 25	Total Gallons Removed	Water Level (ft TIC) 5.47 5.51 5.55 5.57 5.59 5.59 5.60 5.61	YS   55 Tomp. (Celclus) [3%]* 15.40 14.65 14.91 14.41 14.60 14.27 14.29	Fump Type Samples collect	9p. Cond. (mS/cm) [3%] 1. le LZ 1. 41 1 1. 40 3 1. 32 4 1. 32 4 1. 32 4	71 p. manualism 2   00 P/ 9  Turbidity (NTU) (10% or 1 NTU) 38 3 k 3 k 3 k 3 k 3 k 3 k 3 k 3 k 3 k 3 k	N 9807  DO (mg/l)  [N/% or of 1 mg/l)  2. 55  1. 06  1. 06  0. 51  0. 54  0. 32  0. 28  0. 27	ORP (inV) -128.4 -123.2 -113.1 -113.3 -113.0

		E-07	2		e	Marie Marie	GMA-	. 1		
	Weil No.	1	V.——————		- 3	itersma name	(- M/ M-	- /		
	Key No.	NA			T) (************************************	ling Personnel	GARI			
	PID Bac	kground (ppm)	0			Date	10/9/03	160		
		adspace (ppm)	0		_	Weather		10-1-01		
		The state of the s			-	vveatner	6/car,	60-6201		
	WELL INFORM	MATION						Sample Time	II on	
	Referenc	e Point Marked?	(P) N					Sample ID		
		Reference Point		Meas, From	C 1					-
	r idigite of	Weil Diameter		Meas, From	Ground	= 1		Duplicate ID		
	-223	en interval Depth		2	2 1			M\$/MSC		
			The state of the s		Ground	-6		Split Sample ID		
	VV	aler Table Depih	and the second s	_Meas, From	TIC	<b>⇒</b> 3				
			19.65	Meas. From	TIC	-	Required	Analytical	Parameters:	Collecte
		of Water Column		+5			\$ X	VOCs	(Std. list)	4 1
	Volume	of Water in Well		end			#7 T	VOC5	(Exp.Est)	4 9
	intake Cept	h of pump/lubing	11.0"	Meas. From	T16		t: )	SV	OCs	1 1
							(0) (3)	PC8s	(Total)	6 9
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	Minutes of Pu	unberð	65	-		Penestellus Pon		dentersable Pump (	) Ottom/Spe	city ( )
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		or removed /7 Y (1)	1.20 galle		V<) <	Ронці Тура Қытарына сайы	Geo. Pv	thed as evacuation		
	Victime of wat	er removed 77 Y (S) Water Quality 5	1. 20 galle	Sonal Numbers	Hach	Pump Type Sumples called  56 - O.  Turbiling	Geo Protected by same the 3C14G1	A!	Z3	
	Vishing of wat Dat well-rip dry	er removed 77 - X (S) When Quality S Pump	7. Z O galle debet Type(u) / 5 Total	Serial Numbers Water	Hach Temp.	Plant Tyse Samples called	Geo Proceed the Science of Scienc	A / Turbidity	DO DO	ORP
	Victime of wat	Water Quality S Pump Rate	7. Z 0 galle debet Typn(s) / 5 Total Gallons	Soral Numbers Water Level	Hach Temp. (Celcius)	Premp Lose Samples Lobes  56 - O.  Tarbilina	Geo Pv sted by same ma 3C/4G/ 4c2 - 94 Sp. Cond. [mS/cm]	A / // OOOGS Turbidity (NTU)	DO (mg/l)	ORP (mV)
	Visione of wall Dat well-jo dry Time	Writer Quality S Pump Rate (Limin.)	7. Z O galle debet Type(u) / 5 Total	Water Level (ft TIC)	Hach Temp. (Cetaius)	Step Lose Samples Lakes  56 - O  Terbitines pH  [0 t units]	Geo Proceed the Science of Scienc	A /  Turbidity  (NTU)  [10% or 1 NTU]*	DO (mg/l)	ORP (mV)
:/5	Vishing of wat Dat well-rip dry	Water Quality S Pump Rate (Umin.)	7. 2.0 galls  deber Typn(s)/2  Total  Gallons  Removed	Water Level (ft TIC)	Hach Temp. (Cetaius) [3%]	Premp Pase Samples Lakes  56 - O  Tarbitims pH  [0 t units]	Gco Pv sted by same ma 3C 14G1 4c - 9 4 Sp. Cond. [mS/cm) [3%]*	A / // OOOGS Turbidity (NTU)	[max] at it i middle,  [with]  DO  elichascin)	0RP (mV) [10 mV]
:/5-	Visione of wall Dat well-jo dry Time	Writer Quality S Pump Rate (Limin.)	7. 2.0 galls  Total Gallons Removed 0.32	Water Level (ft TIC) 5-89 6-00	Hash Temp. (Cetaius) [3%]*	Premp Pase Samples Lakes  56 - O.  Tarbitina pH  [0 t units]	Gco Pv  cled by same ma  3C/46/  4c - 94  Sp. Cand.  [mS/cm)  [3%]*  0. F39	A /  Turbidity  (NTU)  [10% or 1 NTU]*	2.3 DO (mg/l) 1/055 or 0.1 mg/l)*	ORP (mV) [10 mV]
:/5	Visiting of wall Dict will appear on Time	Water Quality S Pump Rate (Umin.)	7. 2.0 galls  deber Typn(s)/2  Total  Gallons  Removed	Water Level (ft TIC)	Hash Temp. (Celcius) [3%]* - /4,70 /9.68	Step I vote Samples Laber  56 - O. Tarbitims pH  [0 t units]  6.70  4.76	Geo Pv  3C/46/ tc - 94  Sp. Cand.  (mS/cm)  13%/  0.839	A / // O O O G S Turbidity (NTU) // 10% or 1 NTU) // ature	2.55	0RP (mV) [10 mV] 97.9
.75	Visiting of wall Dict will go dry	Water Quality S Pump Rate (Umin.) 120 ml	7. 2.0 galls  Total Gallons Removed 0.32	Water Level (ft TIC) 5-89 6-00	Hash Temp. (Cetaius) [3%]*	Premp Pase Samples Lakes  56 - O.  Tarbitina pH  [0 t units]	Gco Pv  cled by same ma  3C/46/  4c - 94  Sp. Cand.  [mS/cm)  [3%]*  0. F39	A ! // O O O G S Turbidity (NTU) // 10% or 1 NTU) // Ature	2.3 DO (mg/l) 1/055 or 0.1 mg/l)*	97.9 89.6
:15	Time  -9:40 /0:25	Water Quality S Pump Rate (Umin.) 120 ml 120 ml	7. 2.0 galle  Total Gallons Removed - 0.32 0.45	Water Level [ft TIC] 5-89 6-01	Hash Temp. (Celcius) [3%]* - /4,70 /9.68		Geo Pv  3C/46/ tc - 94  Sp. Cand.  (mS/cm)  13%/  0.839	A / // O O O G S Turbidity (NTU) // 10% or 1 NTU) // ature	2.55	979 89.6 82.4 97.4
:/5	Time  -9:40 70:25 70:35	Water Guality S  Pump Rate (Umin.)  /20ml /20ml	Total Gallons Removed - 0.32 0.58	Water Level [ft TIC] 5-89 6-01 6-01	Hash Temp. (Celcius) [3%]' - /4.70 /4.68 /4.73 /4.73		Geo Pv  Ged by same ma  3C/4G/  te - 94  Sp. Cand.  (mS/em)  13%/  0.839  0.833	A ! // O O O G S Turbidity (NTU) // 10% or 1 NTU) // Ature	2.3 DO (mg/l) [1025 or 0.1 mg/l]* - 3.03 2.55 2.72 2.56 2.56	0RP (mV)  10 mV  
15	Time  -9:40 10:25 10:35 10:35 10:35	Pump Rate (Umin.) // 20ml	7. 20 galle  Total Gallons Removed - 0.32 0.45 0.58 0.71	Water Level [ft TIC] 5-89 6-01 6-01 6-02 6-02	Hash Temp. (Celcius) [3%]' 		Geo Proceed by same me 3C/4G/ to - 94  Sp. Cond. (mS/cm) 13%1  0.839  0.833  0.832  0.828	A ! // O O O G S Turbidity (NTU) // 10% or 1 NTU) // Ature	2.3 DO (mg/l) [105. or 0.1 mg/l]* - 3.03 2.55 2.72 2.56 2.56 2.57	97.9 89.6 82.4 77.4 74.9 71.1
15	Time  -9:40  10:35  10:35  10:35  10:35	Pump Rate (Umin.) // 20ml	7. 20 galle  Total Gallons Removed - 0.32 0.45 0.58 0.71 0.84 0.97	Water Level [ft TIC] 5-88 6-01 6-01 6-02 6-02 6-02	Hash Temp. (Celcius) [3%]' - /4.70 /4.70 /4.73 /4.73 /4.75 /4.77	Number Lakes   Sto - O.     Tarbitims   pH	Geo Pv  cled by same ma  3C/46/  4 94  Sp. Cond.  [mS/em)  [3%]*  0.839  0.833  0.832  0.828	A / // 0000 \$5  Turbidity (NTU) 10% or 1 NTU) 1 / 1 / 1 / 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2.3 DO (mg/l) [1025 or 0.1 mg/l]* - 3.03 2.55 2.72 2.56 2.56	ORP (mV)  10 mV 
15	Time  -9:40 10:25 10:35 10:35 10:35	Pump Rate (Umin.) // 20ml	7. 20 galle  Total Gallons Removed - 0.32 0.45 0.58 0.71	Water Level [ft TIC] 5-89 6-01 6-01 6-02 6-02	Hash Temp. (Celcius) [3%]' 	Number Lakes   Side	Geo Proceed by same me  3C/46/  4 94  Sp. Cond.  [ms/em)  [3%]  0.839  0.833  0.832  0.828  0.828  0.823	A / // 0000 \$ 5 Turbidity (NTU) 10% or 1 NTU) 1 1 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0	2.3 DO (mg/l) [105. or 0.1 mg/l]* - 3.03 2.55 2.72 2.56 2.56 2.57	97.9 89.6 82.4 77.4 74.9 71.1
15	Time  -9:40  10:35  10:35  10:35  10:35	Pump Rate (Umin.) // 20ml	7. 20 galle  Total Gallons Removed - 0.32 0.45 0.58 0.71 0.84 0.97	Water Level [ft TIC] 5-88 6-01 6-01 6-02 6-02 6-02	Hash Temp. (Celcius) [3%]' - /4.70 /4.70 /4.73 /4.73 /4.75 /4.77	Number Lakes   Side	Geo Proceed by same me  3C/46/  4 94  Sp. Cond.  [ms/em)  [3%]  0.839  0.833  0.832  0.828  0.828  0.823	A / // 0000 \$ 5 Turbidity (NTU) 10% or 1 NTU) 1 1 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0	2.3 DO (mg/l) [105. or 0.1 mg/l]* - 3.03 2.55 2.72 2.56 2.56 2.57	97.9 \$9.6 \$2.4 27.4 27.4 24.9 31.1
:/5	Time  -9:40  10:35  10:35  10:35  10:35	Pump Rate (Umin.) // 20ml	7. 20 galle  Total Gallons Removed - 0.32 0.45 0.58 0.71 0.84 0.97	Water Level [ft TIC] 5-88 6-01 6-01 6-02 6-02 6-02	Hash Temp. (Celcius) [3%]' - /4.70 /4.70 /4.73 /4.73 /4.75 /4.77	Number Lakes   Side	Geo Proceed by same me  3C/46/  4 94  Sp. Cond.  [ms/em)  [3%]  0.839  0.833  0.832  0.828  0.828  0.823	A / // 0000 \$ 5 Turbidity (NTU) 10% or 1 NTU) 1 1 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0	2.3 DO (mg/l) [105. or 0.1 mg/l]* - 3.03 2.55 2.72 2.56 2.56 2.57	0RP (mV)  10 mV  97.9 89.6 82.4 77.4 77.4
:/5	Time  -9:40  10:35  10:35  10:35  10:35	Pump Rate (Umin.) // 20ml	7. 20 galle  Total Gallons Removed - 0.32 0.45 0.58 0.71 0.84 0.97	Water Level [ft TIC] 5-88 6-01 6-01 6-02 6-02 6-02	Hash Temp. (Celcius) [3%]' - /4.70 /4.70 /4.73 /4.73 /4.75 /4.77	Number Lakes   Side	Geo Proceed by same me  3C/46/  4 94  Sp. Cond.  [ms/em)  [3%]  0.839  0.833  0.832  0.828  0.828  0.823	A / // 0000 \$ 5 Turbidity (NTU) 10% or 1 NTU) 1 1 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0	2.3 DO (mg/l) [105. or 0.1 mg/l]* - 3.03 2.55 2.72 2.56 2.56 2.57	0RP (mV)  10 mV  97.9 89.6 82.4 77.4 77.4
:/5	Time  -9:40  10:35  10:35  10:35  10:35  10:55	Pump Rate (Umin.) // 20ml	7. 20 galle Total Gallons Removed - 0.32 0.45 0.58 0.71 0.84 0.97 1.10	Water Level [ft TiC] 5-89 6-01 6-01 6-02 6-02 6-02 6-02	Hash Temp. (Cetcius) [3%]" 	Starples Lake   Starples Lake   Starples Lake   Starples Lake   D Lands    G. 70   G. 76   G. 78   G. 79   G. 79   G. 79   G. 81   G. 81	Geo Pv  ded by same ma  3C/46/  te - 94  Sp. Cond.  [mS/cm)  [3%]  0.839  0.832  0.828  0.828  0.828  0.823  0.823	A / // 000055 Turbidity (NTU) / 104 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2.3  DO (mg/l) [105.cd   1 mg/l] 2.55 2.72 2.56 2.56 2.55	97.9 89.6 82.4 27.4 27.4 27.4 27.4
:/5	Time  -9:40  70:25  70:30  70:35  70:30  70:35  70:30	Water Guality N Pump Rate (Umin.) 120 m1 100 m1 100 m1 100 m1 100 m1 100 m1	7. 20 galle  Total Gallons Removed - 0.32 0.45 0.58 0.71 0.89 0.97 1.10	Water Level [ft TIC] 5-89 6-01 6-02 6-02 6-02 6-02	Hash Temp. (Cetcius) [3%]" 	Starples Lake   Starples Lake   Starples Lake   Starples Lake   D Lands    G. 70   G. 76   G. 78   G. 79   G. 79   G. 79   G. 81   G. 81	Geo Pv  ded by same ma  3C/46/  te - 94  Sp. Cond.  [mS/cm)  [3%]  0.839  0.832  0.828  0.828  0.828  0.823  0.823	A / // 0000 \$ 5 Turbidity (NTU) 10% or 1 NTU) 1 1 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0	2.3  DO (mg/l) [105.cd   1 mg/l] 2.55 2.72 2.56 2.56 2.55	97.9 \$9.6 \$2.4 27.4 27.4 24.9 31.1
:15	Time  -9:40  70:25  70:30  70:35  70:30  70:55	Pump Rate (Umin.) // 20 ml	1. 2.0 galle  Total Gallons Removed  - 0.32 0.45 0.58 0.71 0.89 0.97 1.10	Water Level [It TIC] 5-89 6-01 6-02 6-02 6-02 6-03	Fach Temp. (Celcius) [3%]'  /4,70 /4,70 /4,73 /4,73 /4,75 /4,77 /4,77	Starples Lake   Starples Lake   Starples Lake   Starples Lake   D Lands    G. 70   G. 76   G. 78   G. 79   G. 79   G. 79   G. 81   G. 81	Geo Pv  ded by same ma  3C/46/  te - 94  Sp. Cond.  [mS/cm)  [3%]  0.839  0.832  0.828  0.828  0.828  0.823  0.823	A / // 000055 Turbidity (NTU) / 104 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2.3  DO (mg/l) [105.cd   1 mg/l] 2.55 2.72 2.56 2.56 2.55	97.9 \$9.6 \$2.4 27.4 27.4 24.9 31.1
./5	Time  -9:40  70:25  70:30  70:35  70:30  70:55	Pump Rate (Umin.) // 20 ml	1. 2.0 galle  Total Gallons Removed  - 0.32 0.45 0.58 0.71 0.89 0.97 1.10	Water Level [It TIC] 5-89 6-01 6-02 6-02 6-02 6-03	Fach Temp. (Celcius) [3%]'  /4,70 /4,70 /4,73 /4,73 /4,75 /4,77 /4,77	Starples Lake   Starples Lake   Starples Lake   Starples Lake   D Lands    G. 70   G. 76   G. 78   G. 79   G. 79   G. 79   G. 81   G. 81	Geo Pv  ded by same ma  3C/46/  te - 94  Sp. Cond.  [mS/cm)  [3%]  0.839  0.832  0.828  0.828  0.828  0.823  0.823	A / // 000055 Turbidity (NTU) / 104 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2.3  DO (mg/l) [105.cd   1 mg/l] 2.55 2.72 2.56 2.56 2.55	97.9 89.6 82.4 27.4 27.4 27.4 27.4
/5	Time  -9:40  70:25  70:30  70:35  70:30  70:55	Pump Rate (Umin.) // 20 ml	1. 2.0 galle  Total Gallons Removed  - 0.32 0.45 0.58 0.71 0.89 0.97 1.10	Water Level [It TIC] 5-89 6-01 6-02 6-02 6-02 6-03	Fach Temp. (Celcius) [3%]'  /4,70 /4,70 /4,73 /4,73 /4,73 /4,73 /4,77	Starples Lake   Starples Lake   Starples Lake   Starples Lake   D Lands    G. 70   G. 76   G. 78   G. 79   G. 79   G. 79   G. 81   G. 81	Geo Pv  ded by same ma  3C/46/  te - 94  Sp. Cond.  [mS/cm)  [3%]  0.839  0.832  0.828  0.828  0.828  0.823  0.823	A / // 000055 Turbidity (NTU) / 104 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2.3  DO (mg/l) [105.cd   1 mg/l] 2.55 2.72 2.56 2.56 2.55	97.9 89.6 82.4 27.4 27.4 27.4 27.4
:15	Time  -9:40  70:25  70:30  70:35  70:30  70:55	Water Guality N Pump Rate (Umin.) 120 m1 100 m1 100 m1 100 m1 100 m1 100 m1	1. 2.0 galle  Total Gallons Removed  - 0.32 0.45 0.58 0.71 0.89 0.97 1.10	Water Level [It TIC] 5-89 6-01 6-02 6-02 6-02 6-03	Fach Temp. (Celcius) [3%]'  /4,70 /4,70 /4,73 /4,73 /4,73 /4,73 /4,77	Starples Lake   Starples Lake   Starples Lake   Starples Lake   D Lands    G. 70   G. 76   G. 78   G. 79   G. 79   G. 79   G. 81   G. 81	Geo Pv  ded by same ma  3C/46/  te - 94  Sp. Cond.  [mS/cm)  [3%]  0.839  0.832  0.828  0.828  0.828  0.823  0.823	A / // 000055 Turbidity (NTU) / 104 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2.3  DO (mg/l) [105.cd   1 mg/l] 2.55 2.72 2.56 2.56 2.55	97.9 \$9.6 \$2.4 27.4 27.4 24.9 31.1
://5	Time  -9:40  70:25  70:30  70:35  70:30  70:55	Pump Rate (Umin.) // 20 ml	1. 2.0 galle  Total Gallons Removed  - 0.32 0.45 0.58 0.71 0.89 0.97 1.10	Water Level [It TIC] 5-89 6-01 6-02 6-02 6-02 6-03	Fach Temp. (Celcius) [3%]'  /4,70 /4,70 /4,73 /4,73 /4,73 /4,73 /4,77	Starples Lake   Starples Lake   Starples Lake   Starples Lake   D Lands    G. 70   G. 76   G. 78   G. 79   G. 79   G. 79   G. 81   G. 81	Geo Pv  ded by same ma  3C/46/  tr - 94  Sp. Cond.  [mS/cm)  [3%]  0.839  0.832  0.828  0.828  0.828  0.823  0.822	A / // 000055 Turbidity (NTU) / 104 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2.3  DO (mg/l) [105.cd   1 mg/l] 2.55 2.72 2.56 2.56 2.55	97.9 \$9.6 \$2.4 27.4 27.4 24.9 31.1
:/5	Time  -9:40 10:25 10:30 10:35 10:35 10:55  * The stabilize OBSERVATION	Pump Rate (Umin.) 120ml 120ml 100ml 100ml 100ml 100ml 100ml 100ml 100ml 100ml	1. 2.0 galle  Total Gallons Removed  - 0.32 0.45 0.58 0.71 0.89 0.97 1.10	Water Level [It TIC] 5-89 6-01 6-02 6-02 6-02 6-03	Fach Temp. (Celcius) [3%]'  /4,70 /4,70 /4,73 /4,73 /4,73 /4,73 /4,77	Starples Lake   Starples Lake   Starples Lake   Starples Lake   D Lands    G. 70   G. 76   G. 78   G. 79   G. 79   G. 79   G. 81   G. 81	Geo Pv  ded by same ma  3C/46/  tr - 94  Sp. Cond.  [mS/cm)  [3%]  0.839  0.832  0.828  0.828  0.828  0.823  0.822	A / // 000055 Turbidity (NTU) / 104 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2.3  DO (mg/l) [105.cd   1 mg/l] 2.55 2.72 2.56 2.56 2.55	97.9 \$9.6 \$2.4 27.4 27.4 24.9 31.1
::/5	Time  -9:40 70:35 70:30 70:35 70:30 70:35 70:55	Water Guality S  Water Guality S  Pump Rate (Umin.)  120 ml 120 ml 100 ml	Total Gallons Removed	Water Level [It TIC] 5-89 6-01 6-02 6-02 6-02 6-03	Fach Temp. (Celcius) [3%]'  /4,70 /4,70 /4,73 /4,73 /4,73 /4,73 /4,77		Geo. P. Cand. (mS/cm) (3%).  0.839. 0.833. 0.832. 0.828. 0.828. 0.823. 0.823. 0.823.	A I  // O O O G S  Turbidity  (NTU)  [10% or 1 NTU]*  I I  O  O  I  O  als) is listed in each	DO (mg/l) [10:5 or 0 1 mg/l]*	ORP (mV) [10 mV] 97.9 89.6 22.4 77.4 74.9 71.1 69.4
:/5	Time  Time  G: 40  70: 25  70: 30  70: 35  70: 40  70: 55  The stabilize OBSERVATION  The Laborator	Water Guality S  Water Guality S  Pump Rate (Umin.)  / 20 ml /	Total Gallons Removed	Water Level [It TIC] 5-89 6-01 6-02 6-02 6-02 6-03	Fach Temp. (Celcius) [3%]'  /4,70 /4,70 /4,73 /4,73 /4,73 /4,73 /4,77		Geo. P. Cand. (mS/cm) (3%).  0.839. 0.833. 0.832. 0.828. 0.828. 0.823. 0.823. 0.823.	A I  // O O O G S  Turbidity  (NTU)  [10% or 1 NTU]*  I I  O  O  I  O  als) is listed in each	DO (mg/l) [10:5 or 0 1 mg/l]*	ORP (mV) [10 mV] - 97.9 89.6 22.9 77.9 74.9 74.9
:/5	Time  -9:40  70:25  70:30  70:35  70:30  70:35  70:50  70:55  The stabilize OBSERVATION  SAMPLE DE Laborator Delivered Vicinity	Water Guality S  Water Guality S  Pump Rate (Umin.)  / 20 ml /	Total Gallons Removed	Water Level [It TIC] 5-89 6-01 6-02 6-02 6-02 6-03	Fach Temp. (Celcius) [3%]'  /4,70 /4,70 /4,73 /4,73 /4,73 /4,73 /4,77		Geo. P. Cand. (mS/cm) (3%).  0.839. 0.833. 0.832. 0.828. 0.828. 0.823. 0.823. 0.823.	A I  // O O O G S  Turbidity  (NTU)  [10% or 1 NTU]*  I I  O  O  I  O  als) is listed in each	2.3  DO (mg/l) [105.cd   1 mg/l] 2.55 2.72 2.56 2.56 2.55	ORP (mV) [10 mV] 97.9 89.6 22.9 77.9 74.9 77.1 69.4

Key No. PID Ba Well Ho	kground (ppm			_ Samp	ling Personnel	GAR /V	LB.	GMA-1	
10.00		-7		7	Date	10/13/1		Company of the Compan	
	maspace (ppm)	0		<del>-</del>	Weather	CLEAR,	50-60°,	SULLNY, BRE	EZY
WELL INFOR	MATION					100			
Referen	e Point Marked	7 😡 N						12:05	
	Reference Poin			60000	0.4		Sample (D	LS-29	
- Holym S	Weil Diamete		Meas, From	GROUND	_ B45		Duplicate ID		
Sere		24.6-34.0	1		Nacion Care		MS/MSD	_	
			The state of the s	GROUND -	B65		Split Sample ID	-	
VV	ater Table Depti		Meas From	TC	<b>→</b> 1				
10000		34.691	Meas. From	TIC	<b>→</b> 7.7	Required	Analytica	Parameters:	Collec
rengin	of Water Column	21.10	Same			1 × 1		(Std. list)	1×
Volume	of Waler in Wel	3,452 0				1 2	YOCs	(Exp.fist)	1
Intake Dept	h of pump/tubing	79 -	Meas, From	TIC		1 × 1		VOCs	
						1 × 1	PCB	s (Total)	X
	nt Identification					1 × 1		Dissolved)	××
	ner (PVC) casını					( × )		iorg (Total)	
	uter (protective)	casing				(X)		n (Dissalved)	X
Grade/BGS 0	Fround Surface					· X		s/PCDFs	_
	-					^ :		WHarb	X
Redevelop?	Y (N)					7.61		Attenuation	-
	CO CONTRACTOR								
						130	Liner	(Specify)	10.7
EVACUATION	INFORMATION								
			35						
F	ump Start filme	10:10 10:	35		261000110000000000000000000000000000000		TO SERVICE CONTROL		
F	lump Start Lime lump Stop Lumi	12:50 12:50	35		Evacuation Me				
F E Minutes of Pu	lump Start fime lump Stop firm npeg	135 135	35		Peristattic Pum	p ( <b>X</b> ) Si	ubmersible Promp. (		of ( )
F	ump Start fime famp Stap fime mpest er romdvext 7 Y (N)	12:50 12:50		XSI 556	Peristable Part Pump Type Samples collec	p (X) Si <b>GEOPUM</b> fed by same ma	ucinersable Psump ( P. 2. juhod as ovaculatur 12. – HAO	Other/Spec  Nepecity  H. TURBIDIME	
F Minutes of Pu Volume of water	rump Start fime rump Stap fime inpeq er removed 2 Y (N) Water Quality N	10:10:10:10:10:10:10:10:10:10:10:10:10:1	mal Numbers	XSI 556	Peristable Part Pump Type Samples collec	p (X) Si <b>GEOPUM</b> fed by same ma	ucinersable Psump ( P. 2. juhod as ovaculatur 12. – HAO	Other/Spec	
F E Minutos of Pu Volume of wat Did well yo dry	rump Start fime rump Stop fime rumpeq r rumoved 7 Y (N) Water Quality k	10:10:10:10:10:10:10:10:10:10:10:10:10:1	mal Numbers Water	Temp.	Peristable Part Pump Type Samples collec	p (X) Si <b>GEOPUM</b> fed by same ma	ucinersable Psump ( P. 2. juhod as ovaculatur 12. – HAO	Other/Spec  Nepecity  H. TURBIDIME	टाहर
F Minutes of Pu Volume of water	rump Start fime rump Stop fime rumpeq r rumoved 7 Y (N)  Water Quality N  Pump Rate	10:10:10:10:10:10:10:10:10:10:10:10:10:1	mal Numbers Water Level	Temp. (Celchin)	Porietatile Pori Pump Types Samples collect 03C2	Sp. Cond. (mS/cm)	P 2_ phod as evacuation 12 - HAC 9817 Turbidity (NTU)	Other/Spec  Nespecialy  H_TURBIDIME  00019807  DO  (mg/l)	 <u>ਹੁਸ਼</u>
F Minutes of Pu Volume of wat Did well yo dry Time	rump Start fime fump Stop Firm inpreq ir removed 7 Y (N)  Water Guality M  Pump Rate (Limin.)	10:10:10:10:10:10:10:10:10:10:10:10:10:1	Water Level (ft.TIC)	Temp.	Peristable Pum Pump Type Samples collect	P (X) Si GEOPUM led by same me O3CO3C Sp. Cond.	P 2_ athod as ovacuation (P 2_ + HAC) P812 Turbidity (NTU) [10% or 1 NTU]	Other/Spen  Nespendy  H_TURBIDIM  00019807	ORI (mV
Minutes of Pu Volume of wate Did well ye dry	ump Start fime rump Stap fime rippeq r removed 7 Y (N)  Water Quality N  Pump Rate (Umin.)	IO: 10 10: 12: 50 13:5 4.939 Mater Type(s)/ So Total Gallons Removed	Water Level (fr TIC)	Temp. (Celchin)	Portatile Port Pump Types Samples collec  O3C 2  pH  [0.1 sents]*	Sp. Cond. (mS/cm)	P 2_ phod as evacuation 12 - HAC 9817 Turbidity (NTU)	Other/Spec  Nespecialy  H_TURBIDIME  00019807  DO  (mg/l)	ORI (mV
Minutes of Pu Volume of wate Did well ye dry  Time	ump Start fime rump Stap fime rippeq r removed 7 Y (N)  Water Quality N  Pump Rate (Umin.)	10:10:10:10:10:10:10:10:10:10:10:10:10:1	Water Level (fi TIC) 13,51	Temp. (Gelclus) [3%]*	Porietatile Pori Pump Types Samples collect 03C2	© (X) Si GEOPUM led by same me O3C.O3P Sp. Cond. (mS/cm) [3%]*	P 2	Other/Spen  N(spensiv)  H_TURB(D) Mt  COO 1 9607  DO  (mg/l)  [10% or 0 1 mg/l]*	ORI (mV
Minutes of Pu Volume of wate Did well ye dry	ump Start fine rump Stap fine rump Stap fine r removed 7 Y (N)  Water Quality N  Pump Rate (Umin.)  > 155 #  0 . 140  0 . 150	IO: 10 10: 12: 50 13:5 4.939 Mater Type(s)/ So Total Gallons Removed	Water Level (fi TIC) 13,51 13,61	Temp. (Colcius) [3%]*	Portatile Port Pump Types Samples collec  O3C 2  pH  [0.1 sents]*	© (X) Si GEOPUM led by same me O3C.O3P Sp. Cond. (mS/cm) [3%]*	conersable Pump ( P 2 pthod as evacuation 12 — HAQ 9817 Turbidity (NTU) 10% or 1 NTU!	Other/Spendy) H. TURBLD1Mt 00019807 DO (mg/l) [10% oz 0 t mg/l]*	ORI (mV [10] m
Menutes of Par Volume of wall Did well ye dry	Pump Rate (Umin.)  Pump Rate (Umin.)  > 155 @ 0.150  0.150	10:10:10:10:10:10:10:10:10:10:10:10:10:1	Water Level (fi TIC) 13,51 13,61 13,52	Temp. (Colclus) (3%)*	Portatile Port Pump Types Samples collect  OSC 2  pH  [0.1 sents]*	Sp. Cond. (mS/cm)	P 2	Other/Spen  V N(spendy)  H TURBID (M)  000   960 7  DO  (mg/l)  [10% or 0.1 mg/l]	ORI (mV [10] m
Time  10:35 (0:40 (0:50 11:00	ump Start fine rump Stap fine rump Stap fine r removed 7 Y (N)  Water Quality N  Pump Rate (Umin.)  > 155 #  0 . 140  0 . 150	10:10:10:10:10:10:10:10:10:10:10:10:10:1	Water Level (ft TIC) 13.51 13.51 13.52 13.52	Temp. (Colcius) [3%]*	Portabile Port Pump Types Samples collect  OSC 2  pH  [0.1 smits]*	Sp. Cond. (mS/cm)	12	Other/Spen  N(spensiv)  H_TURBLD1Mt  CO019807  DO  (mg/l)  [10% or 0 t mg/l]*	ORI (mv 100 m
Minutes of Par Volume of wall Did well ye dry	Pump Rate (Umin.)  Pump Rate (Umin.)  > 155 @ 0.150  0.150	10:10:10:10:10:10:10:10:10:10:10:10:10:1	Water Level (fi TIC) 13,51 13,61 13,52	Temp. (Colclus) (3%)*	Portatile Port Pump Types Samples collect  OSC 2  pH  [0.1 sents]*	Sp. Cond. (mS/cm)	Description   Pump   P 2	Other/Spen  V N(spendy)  H TURBID (M)  000   960 7  DO  (mg/l)  [10% or 0.1 mg/l]	ORI (mV  10 m
Time  10:35 (0:40 (0:50 (1:00 (1:05) (1:00	ump Start fine fump Stap fine removed 7 Y (N)  Water Quality N  Pump Rate (Limin.)  155 #  0.140  0.150  0.150  0.150  0.150	10:10 10: 12:20 13:5 4.939 Inter Type(s)/Si Total Gallons Removed - 0.185 [9 0.58201 0.9788 1.1772 1.3756	Water Level (fi TIC) 13.51 13.51 13.52 13.52 13.52	Temp. (Celclus) (3%)*	Portetatile Port Pump Types Samples collect  D3C2  pH  [0.1 sents]*	(X) Si GEOPUM. Icd by same me O3C.O39  Sp. Cond. (mS/cm) [3%]*	2	Other/Spen  V Nespendy  H TURBIDIME  MO019607  DO  (mg/l)  [10% or 0 t mg/l]	ORF   ORF
Time  10:35 (0:40 (0:50 11:00	Pump Rate (Limin.)  Pump Rate (Limin.)  155 P  0.150  0.150  0.150	10:10:10:10:10:10:10:10:10:10:10:10:10:1	Water Level (ft TIC) 13.51 13.51 13.52 13.52 13.52 13.52	Temp. (Celclus) (3%)* - - (2.85 12.54 12.44	Portabile Port Pump Types Samples collect  D3C2  pH  [0.1 sents]*	Sp. Cond. (mS/cm) [3%]*	Control   Cont	Other/Spen  V N(spensiv)  H TURBIDIME  (00019607  DO  (mg/l)  [10% or 0 t mg/l]	ORF (mV   10 m) 178 132 84.
Time  10:35 (0:40 10:05 11:10 11:15	Pump Rate (Limin.)  Plump Rate (Limin.)  155  0.140 0.150 0.150 0.150 0.150 0.150 0.150	10:10 10: 12:20 13:5 1.939 Inter Type(s)/Si Total Gallons Removed - 0.185 19 0.58201 0.9788 1.1772 1.3756 1.5740 1.7724	Water Level (h TIC) 13.51 13.51 13.52 13.52 13.52 13.52 13.52 13.52	Temp. (Celclus) (3%)* - - (2.85 12.54 12.49	Portabile Port Pump Types Samples collect  D3C2  pH  [0.1 smits]*  7.81  7.58  7.48  7.45	Sp. Cond. (mS/cm) [3%]*	Control   Cont	Other/Spen   V   N(spensiv)   H TURBIDIMI   (0019807   DO   (mg/l)   [10% or 0 t mg/l]*	ORF (mv  10 m'  -  -  178  132  84,
Time  10:35 (0:40 (0:50 11:00 11:15 11:20 11:25	Pump Rate (Limin.)  Pump Rate (Limin.)  155 8 0.140  0.150  0.150  0.150  0.150  0.150  0.150	10:10:10:10:10:10:10:10:10:10:10:10:10:1	Water Level (fi TIC) 13.51 13.51 13.52 13.52 13.52 13.52 13.52 13.52 13.52	Temp. (Celclus) [3%]* 	Portable Port Pump Types Samples collect  D3C2  pH   0.1 smits *   7.81  7.58  7.48  7.45	Sp. Cond. (mS/cm) [3%]*  0.909 1.017 1.053 1.068	12 - HAQ 9817 Turbidity (NTU) 10% or 1 NTU  4.3 61 58 44 49 45 39 33	Other/Spen  7 Nepenaty  H. TURBIDIME  20019607  DO  (mg/l)  10% or 0 t mg/l)	ORF (mV 110 m) 
Time  10:35 (0:40 10:05 11:10 11:15 11:25 11:25	Pump Rate (Limin.)  Pump Rate (Limin.)  2.155 2.00  0.150  0.150  0.150  0.150  0.150  0.150  0.150  0.150  0.150  0.150  0.150	10:10:10:10:10:10:10:10:10:10:10:10:10:1	Water Level (h TIC) 13.51 13.51 13.52 13.52 13.52 13.52 13.52 13.52 13.52	Temp. (Celclus) [3%]* 	Portable Port Pump Types Samples collect  03C2  pH   0.1 smits *   7.81  7.58  7.48  7.45  7.45  7.44	Sp. Cond. (mS/cm) [3%]"	Control   Cont	Other/Spen   Oth	ORF (mV) 10 mV - - 178 132 84. 55. 37.
Time  10:35 (0:40 (0:50 11:00 11:15 11:25	Pump Rate (Limin.)  Pump Rate (Limin.)  155 8 0.140  0.150  0.150  0.150  0.150  0.150  0.150	10:10:10:10:10:10:10:10:10:10:10:10:10:1	Water Level (fi TIC) 13.51 13.51 13.52 13.52 13.52 13.52 13.52 13.52 13.52	Temp. (Celclus) [3%]* 	Portable Port Pump Types Samples collect  D3C2  pH   0.1 smits *   7.81  7.58  7.48  7.45	Sp. Cond. (mS/cm) [3%]*  0.909 1.017 1.053 1.068	12 - HAQ 9817 Turbidity (NTU) 10% or 1 NTU  4.3 61 58 44 49 45 39 33	Other/Spen  7 Nepenaty  H. TURBIDIME  20019607  DO  (mg/l)  10% or 0 t mg/l)	ORF (mV 110 m) 

Well No. Key No.	LS- 20				Ite/GMA Name	ac LLI	FIELD - G	ma I	
				Samp	iling Personnei	GAR/14	B		
	kground (ppm)				Date	10/13/			
Well Hea	adspace (ppm)	0		2	Weather			WNY, BREET	
ELL INFORM							,	GON 7, DIRECT	4
VELL INFORM		1.00					Sample Time	12:05	
	e Point Marked?			79 <b>4</b> 75735			Sample IO	LS-29	
Height of	Reference Point		Meas, From	BGS	2		Ouplicate ID	-	
	Well Diameter	- Commence of the Commence of	. ,				MS/MSD		
		74.6-34.	Wieas. From	BGS			Split Sample ID	-	
Wa	iter Table Depth	140.440	Meas. From	_TIL	-				
	Well Depth		Meas. From	TIC		Required	Analytical	Parameters:	Collecter
	f Water Column					( × )		(Sta. list)	:× :
Volume	of Water in Well	3.452	3			1 1		(Exp.list)	
Intake Depth	of pump/tubing	79	Meas: From	TIC	20	1 × 1		/OCs	
					5.0	12		s (Total)	X
eterence Poin	t Identification					1 < 1		Dissolved)	0.0000000000000000000000000000000000000
C: Top of Inn	er (PVC) casino	1				( X )		lorg. (Total)	1 × 1
C Top at au	iter (protective)	casing				(× )		g. (Dissolved)	(×)
	round Surface					×		g. (Dissolveg) s/PCDFs	(X)
									( )
develop?	YN					11 11		st/Herb Altenuation	5 4
						300			1
VACUATION	INFORMATION					131 (0)	Other	(Specify)	1 1
P <sub>1</sub>	ump Start Time	10:35							
	amp Slop Time	12:50			Evacuation Med	WITH A SECTION	0.7	\$7.556.W - M	
tinules of Pon		135						The state of the s	
TO THE PARTY OF THE PARTY OF THE PARTY.	Charles A.	The state of the s			Prestatic Puris	the state of the s	beiersible Pump (	) Other/Spe	city (
chann of water	r. rournmond	4 939			SWINGS CONTRACTOR CO. CO. CO.	(-CD Owent			
id well ga dry?	√ (N)	4.939  aler Type(a) / Sr	zadniki kan	/ST 556	Samples collect  03 C 03 9		thod as evacuation	URBIDIMET	E?
d well ga dry?	Water Quality N	latar Type(a) / Sr			D3CD39	led by stame ma 2—	Plant is evilcustron	URBIDIMET	807
d well ga dry?	Valor Quality N	leter Type(a) / Sr Total	Water	Temp.	Samples collect	2_ Sp. Cond.	Hactis Turbidity	URBIDIMET 9812.00019 00	ORP ORP
d well ga dry?	V (N) Water Quality N Pump Rate	Total Gallons	Water Lovel	Temp. (Celcius)	D3CO39	Sp. Cond. [mS/cm)	Hactin	URBIDIMET 9612.00019 00 (mg/l)	ORP (mV)
d well ga dry?	V N Water Quality N Pump Rate {L/min.}	lder Type(s) / Sr Total Gallons Removed	Water Level (ft TIC)	Temp. (Celcius) [3%]*	Samples collect  03C039  pri  [0 : units]	Sp. Cond. (mS/cm)	Turbidity [NTU]	URBIDIMET 9612.00019 00 (mg/l) [10% ur d 1 mg/l]	SOT URP
Time	Valor Quality N Pump Rate (L/min.)	Total Gallons Removed 2.6056	Water Level (ft TIC)	Temp. (Celcius) [3%]*	Samples collect 03C039  pri  [0 1 units]: 17.44	Sp. Cond. (mS/cm) [3%]*	Hactin Turbidity [NTU] 10% or 1 NTU] 23	URBIDIMET 9612.00019 00 (mg/l) 110% ur 0 1 mg/l) 8.74	(mV) (10 mV)*
Time 1:41	Water Quality N Pump Rate (L/min.) 0.150	Total Gallons Removed 2.6056 Z.7246	Water Level (ft TIC) 13.52	Temp. (Celcius) [3%]* [2.5] [2.43	5amples collect  03.C03.9*  pri  [0.1 units]:  7.44	Sp. Cond. (mS/cm) (3%)* 1.090	Hactin	URBIDIMET 9612.00019 00 (mg/l) 110% ur 0 1 mg/l- 8.74 8.48	(mV)  10:mV *  4:2  2:1
Time 1:41 11:47	Valor Quality N Pump Rate (L/min.) 0.150 0,150	Total Gallons Removed 2.6056 2.7246 2.8436	Water Level (ft TIC) 13.52 13.52 13.52	Temp. (Celcius) [3%]* [2.5] [2.43 [2.42	5amples collect 03.C03.9° pri [0.1 units]: 7.44 7.44	Sp. Cond. (mS/cm) [3%]*	Hactin Turbidity [NTU] 10% or 1 NTU] 23 20 2.1	URBIDIMET 9612.00019 00 (mg/l) [10% ur 0 1 mg/l]* 8.74 8.48 8.64	(mV)  10 mV   4, 2  2, 1  -1, 4
Time 1:41 11:44 11:47 11:50	Valor Quality No. 150 0.150 0.150 0.150 0.150	Total Gallons Removed 2.6056 2.7246 2.8436 2.9626	Water Level (ft TIC) 13.52 13.52 13.52	Temp. (Celcius) [3%]* [2.5] [2.43 [2.42]	5amples collect  03.C03.9°  pri  [0.1 units]:  7.44  7.44  7.44	Sp. Cond. (mS/cm) (3%)* 1.090 1.094 1.097	Hactin Turbidity [NTU] 10% or 1 NTU] 23 20 21	URBIDIMET 9612.00019 00 (mg/l) [10% or 0.1 mg/l]* 8.74 8.48 8.64 9.61	(mV)  10:mV * (e. 2. 2. ( -1.4 -5. )
Time 1:41 11:44 11:47 11:50 11:63	Valor Quality No. (L/min.)  0.150 0.150 0.150 0.150	Total Gallons Removed 2.6056 2.7246 2.8436 2.9626 3.0016	Water Level (ft TIC) 13.52 13.52 13.52 13.52	Temp. (Celcius) [3%]* [2.5] [2.43 [2.42 [2.42]	D3 C03 9"  pri  [0 1 units]: 7.44 7.44 7.44 7.45	Sp. Cond. (mS/cm) (3%)* 1.090 1.094 1.097 1.101	Hactin Turbidity (NTU) (NTU) 23 20 21 18	URBIDIMET 9612.00019 00 (mg/l) 110% ur 0 1 mg/l* 8.74 8.48 8.64 9.61	(mV) (mV) (mV) (e. 2. 2. ( -1. 4 -5. 1 -3. 1
Time 1:41 11:44 11:47 11:50 11:53 11:56	Valor Quality No. (L/min.)  0.150  0.150  0.150  0.150  0.150	Total Gallons Removed 2.6056 2.7246 2.8436 2.9626 3.0016 3.20016	Water Level (ft TIC) 13.52 13.52 13.52 13.52 13.52	Temp. (Celcius) [3%]* [2.5] [2.43 [2.42 [2.42 [12.47]	D3 C03 9"  pri  [0 1 units]: 7.44 7.44 7.44 7.45	Sp. Cond. (mS/cm) (3%)* 1.090 1.094 1.097	Hactin Turbidity [NTU] [10% or 1 NTU] 2.3 2.0 2.1 1.6 1.8	URBIDIMET 961200019 00 (mg/l) 110% or 0 1 mg/l 8.74 8.68 8.64 8.64 9.46	(mV)  10 mV  (e, 2 2.1 -1.4 -5.1 -3.1
Time 1:41 1:44 11:47 11:50 11:53 11:59	Valor Quality No. (L/min.)  0.150 0.150 0.150 0.150 0.150 0.150 0.150	Total Gallons Removed 2.6056 2.7246 2.8436 2.9626 3.0016 3.20016 3.3196	Water Level (ft TIC) 13.52 13.52 13.52 13.52 13.52 13.52	Temp. (Celcius) [3%]* [2.5] [2.43 [2.42 [2.42]	D3 C03 9"  pri  [0 1 units]: 7.44 7.44 7.44 7.45	Sp. Cond. (mS/cm) (3%)* 1.090 1.094 1.097 1.101	Hactin  Turbidity  [NTU]  [10% or 1 NTU]  2.3  2.0  2.1  1.8  1.8  1.5  1.5	URBIDIMET 961200019 00 (mg/l) 110% ur 0 1 mg/l 8.74 8.64 8.64 9.46 8.38	(mV)  10 mV  (e, 2 -1, 4 -5, 1 -3, 1 -10.
Time 1:41 11:44 11:47 11:50 11:53 11:56	Valor Quality No. (L/min.)  0.150  0.150  0.150  0.150  0.150	Total Gallons Removed 2.6056 2.7246 2.8436 2.9626 3.0016 3.20016	Water Level (ft TIC) 13.52 13.52 13.52 13.52 13.52	Temp. (Celcius) [3%]* [2.5] [2.43 [2.42 [2.42 [12.47]	D3 C03 9"  pri  [0 1 units]: 7.44 7.44 7.44 7.45	Sp. Cond. (mS/cm) [3%]* 1.090 1.094 1.097 1.101 1.105	Hactin Turbidity [NTU] [10% or 1 NTU] 2.3 2.0 2.1 1.6 1.8	URBIDIMET 961200019 00 (mg/l) 110% or 0 1 mg/l 8.74 8.68 8.64 8.64 9.46	(mV)  10 mV  (e, 2, -1.4 -5.1 -10.4
Time 1:41 11:44 11:47 11:50 11:53 11:59	Valor Quality No. (L/min.)  0.150 0.150 0.150 0.150 0.150 0.150 0.150	Total Gallons Removed 2.6056 2.7246 2.8436 2.9626 3.0016 3.20016 3.3196	Water Level (ft TIC) 13.52 13.52 13.52 13.52 13.52 13.52	Temp. (Colcius) [3%]* 12.51 12.43 12.42 12.47 12.52 12.58	93 C 03 9 pri 10 s units; 17.44 17.44 17.45 17.45 17.45 17.45	Sp. Cond. (mS/cm) [3%]* 1.090 1.094 1.097 1.101 1.105 1.106	Hactin  Turbidity  [NTU]  [10% or 1 NTU]  2.3  2.0  2.1  1.8  1.8  1.5  1.5	URBIDIMET 961200019 00 (mg/l) 110% ur 0 1 mg/l 8.74 8.64 8.64 9.46 8.38	(mV)  10 mV  (e, 2, -1.4 -5.1 -10.4
Time 11:41 11:44 11:47 11:50 11:53 11:56	Valor Quality No. (L/min.)  0.150 0.150 0.150 0.150 0.150 0.150 0.150	Total Gallons Removed 2.6056 2.7246 2.8436 2.9626 3.0016 3.20016 3.3196	Water Level (ft TIC) 13.52 13.52 13.52 13.52 13.52 13.52	Temp. (Colcius) [3%]* 12.51 12.43 12.42 12.47 12.52 12.58	93 C 03 9 pri 10 s units; 17.44 17.44 17.45 17.45 17.45 17.45	Sp. Cond. (mS/cm) [3%]* 1.090 1.094 1.097 1.101 1.105 1.106	Hactin  Turbidity  [NTU]  [10% or 1 NTU]  2.3  2.0  2.1  1.8  1.8  1.5  1.5	URBIDIMET 961200019 00 (mg/l) 110% ur 0 1 mg/l 8.74 8.64 8.64 9.46 8.38	(mV) (mV) (it mV) (e. 2. 2. ( -1. 4 -5. ) -3. 1 -(0.4
Time 11:41 11:44 11:47 11:50 11:53 11:56	Valor Quality No. (L/min.)  0.150 0.150 0.150 0.150 0.150 0.150 0.150	Total Gallons Removed 2.6056 2.7246 2.8436 2.9626 3.0016 3.20016 3.3196	Water Level (ft TIC) 13.52 13.52 13.52 13.52 13.52 13.52	Temp. (Colcius) [3%]* 12.51 12.43 12.42 12.47 12.52 12.58	93 C 03 9 pri 10 s units; 17.44 17.44 17.45 17.45 17.45 17.45	Sp. Cond. (mS/cm) [3%]* 1.090 1.094 1.097 1.101 1.105 1.106	Hactin  Turbidity  [NTU]  [10% or 1 NTU]  2.3  2.0  2.1  1.8  1.8  1.5  1.5	URBIDIMET 961200019 00 (mg/l) 110% ur 0 1 mg/l 8.74 8.64 8.64 9.46 8.38	(mV) [16 mV]* (e, 2 2.1 -1.4 -5.1
Time 11:41 11:44 11:47 11:50 11:53 11:59 12:02	Valor Quality No. 150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150	Total Gallons Removed 2.6056 2.7246 2.9626 3.0016 3.2006 3.3196 3.4386	Water Level (ft TIC) 13.52 13.52 13.52 13.52 13.52 13.52 13.52	Temp. (Celcius) [3%]* 12.61 12.43 12.42 12.47 12.52 12.50 12.57	93 C 0 3 9 pri 10 1 unitsj: 7.44 7.44 7.45 7.45 7.45 7.15	Sp. Cond. (mS/cm) [3%]* 1.090 1.094 1.097 1.101 1.105 1.106 1.109	U ΔCLIT  Turbidity (NTU) 110% or 1 NTU) 23 20 21 18 18 15	URBIDIMET 961700019 00 (mg/l) 110% ard 1 mg/l 8.74 8.48 8.64 9.61 8.54 9.46 8.38 8.38	(mV)  10 mV  (e, 2 2.1 -1.4 -5.1 -3.1 -[0.
Time 11:41 11:44 11:47 11:50 11:53 11:59 12:02	Pump Rate (L/min.) 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150	Total Gallons Removed 2.6056 2.7246 2.9436 2.9626 3.20016 3.3196 3.4386	Water Level (ft TIC) 13.52 13.52 13.52 13.52 13.52 13.52 13.52	Temp. (Celcius) [3%]* 12.61 12.43 12.42 12.47 12.52 12.50 12.57	93 C 0 3 9 pri 10 1 unitsj: 7.44 7.44 7.45 7.45 7.45 7.15	Sp. Cond. (mS/cm) [3%]* 1.090 1.094 1.097 1.101 1.105 1.106 1.109	Hactin  Turbidity  [NTU]  [10% or 1 NTU]  2.3  2.0  2.1  1.8  1.8  1.5  1.5	URBIDIMET 961700019 00 (mg/l) 110% ard 1 mg/l 8.74 8.48 8.64 9.61 8.54 9.46 8.38 8.38	(mV)  10 mV * (e, 2, 2, 1, 4 -5, 1 -10, 0
Time 11:41 11:44 11:47 11:50 11:53 11:59 12:02	Pump Rate (L/min.) 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150	Total Gallons Removed 2.6056 2.7246 2.9626 3.0016 3.2006 3.3196 3.4386	Water Level (ft TIC) 13.52 13.52 13.52 13.52 13.52 13.52 13.52	Temp. (Celcius) [3%]* 12.61 12.43 12.42 12.47 12.52 12.50 12.57	93 C 0 3 9 pri 10 1 unitsj: 7.44 7.44 7.45 7.45 7.45 7.15	Sp. Cond. (mS/cm) [3%]* 1.090 1.094 1.097 1.101 1.105 1.106 1.109	U ΔCLIT  Turbidity (NTU) 110% or 1 NTU) 23 20 21 18 18 15	URBIDIMET 961700019 00 (mg/l) 110% ard 1 mg/l 8.74 8.48 8.64 9.61 8.54 9.46 8.38 8.38	(mV)  10 mV * (e, 2, 2, 1, 4 -5, 1 -10, 0
Time 11:41 11:44 11:47 11:50 11:53 11:59 12:02	Pump Rate (L/min.) 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150	Total Gallons Removed 2.6056 2.7246 2.9436 2.9626 3.20016 3.3196 3.4386	Water Level (ft TIC) 13.52 13.52 13.52 13.52 13.52 13.52 13.52	Temp. (Celcius) [3%]* 12.61 12.43 12.42 12.47 12.52 12.50 12.57	93 C 0 3 9 pri 10 1 unitsj: 7.44 7.44 7.45 7.45 7.45 7.15	Sp. Cond. (mS/cm) [3%]* 1.090 1.094 1.097 1.101 1.105 1.106 1.109	U ΔCLIT  Turbidity (NTU) 110% or 1 NTU) 23 20 21 18 18 15	URBIDIMET 961700019 00 (mg/l) 110% ard 1 mg/l 8.74 8.48 8.64 9.61 8.54 9.46 8.38 8.38	(mV)  10 mV  (e, 2, -1.4 -5.1 -10.4
Time 1:41 11:44 11:47 11:50 11:59 12:02	Pump Rate (L/min.) 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150	Total Gallons Removed 2.6056 2.7246 2.9436 2.9626 3.20016 3.3196 3.4386	Water Level (ft TIC) 13.52 13.52 13.52 13.52 13.52 13.52 13.52	Temp. (Celcius) [3%]* 12.61 12.43 12.42 12.47 12.52 12.50 12.57	93 C 0 3 9 pri 10 1 unitsj: 7.44 7.44 7.45 7.45 7.45 7.15	Sp. Cond. (mS/cm) [3%]* 1.090 1.094 1.097 1.101 1.105 1.106 1.109	U ΔCLIT  Turbidity (NTU) 110% or 1 NTU) 23 20 21 18 18 15	URBIDIMET 961700019 00 (mg/l) 110% ard 1 mg/l 8.74 8.48 8.64 9.61 8.54 9.46 8.38 8.38	(mV)  10 mV  (e, 2, -1.4 -5.1 -10.4
Time 11:41 11:44 11:47 11:50 11:53 11:59 12:02	Pump Rate (L/min.) 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150	Total Gallons Removed 2.6056 2.7246 2.9436 2.9626 3.20016 3.3196 3.4386	Water Level (ft TIC) 13.52 13.52 13.52 13.52 13.52 13.52 13.52	Temp. (Celcius) [3%]* 12.61 12.43 12.42 12.47 12.52 12.50 12.57	93 C 0 3 9 pri 10 1 unitsj: 7.44 7.44 7.45 7.45 7.45 7.15	Sp. Cond. (mS/cm) [3%]* 1.090 1.094 1.097 1.101 1.105 1.106 1.109	U ΔCLIT  Turbidity (NTU)  110% or 1 NTU)  23  20  21  18  15  15	URBIDIMET 961700019 00 (mg/l) 110% ard 1 mg/l 8.74 8.48 8.64 9.61 8.54 9.46 8.38 8.38	(mV)   (mV)   (mV)   (e, 2, 2.1 -1.4 -5.1 -3.1 -[0.4
Time  11:41 11:44 11:47 11:50 11:53 11:59 12:02  The stabilization	Water Quality N.  Pump Rate (L/min.) 0.150 0.150 0.150 0.150 0.150 0.150 0.150 o.150 o.150	Total Gallons Removed 2.6056 2.7246 2.9436 2.9626 3.20016 3.3196 3.4386	Water Level (ft TIC) 13.52 13.52 13.52 13.52 13.52 13.52 13.52	Temp. (Celcius) [3%]* 12.61 12.43 12.42 12.47 12.52 12.50 12.57	93 C 0 3 9 pri 10 1 unitsj: 7.44 7.44 7.45 7.45 7.45 7.15	Sp. Cond. (mS/cm) [3%]* 1.090 1.094 1.097 1.101 1.105 1.106 1.109	U ΔCLIT  Turbidity (NTU)  110% or 1 NTU)  23  20  21  18  15  15	URBIDIMET 961700019 00 (mg/l) 110% ard 1 mg/l 8.74 8.48 8.64 9.61 8.54 9.46 8.38 8.38	(mV)   (mV)   (mV)   (e, 2, 2.1 -1.4 -5.1 -3.1 -[0.4
Time  11:41 11:44 11:47 11:50 11:53 11:59 12:02  The stabilization	Water Quality N.  Pump Rate (L/min.) 0.150 0.150 0.150 0.150 0.150 0.150 0.150 o.150 o.150 o.150	Total Gallons Removed 2.6056 2.7246 2.9436 2.9626 3.20016 3.3196 3.4386	Water Level (ft TIC) 13.52 13.52 13.52 13.52 13.52 13.52 13.52	Temp. (Celcius) [3%]* 12.61 12.43 12.42 12.47 12.52 12.50 12.57	93 C 0 3 9 pri 10 1 unitsj: 7.44 7.44 7.45 7.45 7.45 7.15	Sp. Cond. (mS/cm) [3%]* 1.090 1.094 1.097 1.101 1.105 1.106 1.109	U ΔCLIT  Turbidity (NTU)  110% or 1 NTU)  23  20  21  18  15  15	URBIDIMET 961700019 00 (mg/l) 110% ard 1 mg/l 8.74 8.48 8.64 9.61 8.54 9.46 8.38 8.38	(mV)   (mV)   (mV)   (e, 2, 2.1 -1.4 -5.1 -3.1 -[0.4
Time  11:41 11:44 11:47 11:50 11:53 11:56 11:59 12:02  The stabilization  BSERVATION  AMPLE DEST Laboratory:	Water Quality N.  Pump Rate (L/min.) 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150	Total Gallons Removed 2.6056 2.7246 2.9436 2.9626 3.20016 3.3196 3.4386	Water Level (ft TIC) 13.52 13.52 13.52 13.52 13.52 13.52 13.52	Temp. (Celcius) [3%]* 12.61 12.43 12.42 12.47 12.52 12.50 12.57	93 C 0 3 9 pri 10 s units; 7.44 7.44 7.44 7.45 7.45 7.45 7.15	Sp. Cond. (mSrcm) [3%]* 1.090 1.094 1.097 1.101 1.105 1.106 1.109	Turbidity (NTU) 110% or 1 NTU) 23 20 21 18 15 15	00 (mg/l) 10% or 0 1 mg/l 8.74 8.48 9.44 9.41 8.38 9.35	(mV) (mV) (it mV) (e. 2. 2. ( -1. 4 -5. ) -3. 1 -(0.4
Time  11:41 11:44 11:47 11:50 11:53 11:56 11:59 12:02  The stabilization	Water Quality N  Pump Rate (L/min.) 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150	Total Gallons Removed 2.6056 2.7246 2.9436 2.9626 3.20016 3.3196 3.4386	Water Level (ft TIC) 13.52 13.52 13.52 13.52 13.52 13.52 13.52	Temp. (Celcius) [3%]* 12.61 12.43 12.42 12.47 12.52 12.50 12.57	93 C 0 3 9 pri 10 s units; 7.44 7.44 7.44 7.45 7.45 7.45 7.15	Sp. Cond. (mSrcm) [3%]* 1.090 1.094 1.097 1.101 1.105 1.106 1.109	Turbidity (NTU) 110% or 1 NTU) 23 20 21 18 15 15	URBIDIMET 961700019 00 (mg/l) 110% ard 1 mg/l 8.74 8.48 8.64 9.61 8.54 9.46 8.38 8.38	(mV)  10 mV  (e, 2, -1.4 -5.1 -10.4

om BGS om TC, om TC		10/13/03 Char, 60	Sample Time Sample ID Duplicate ID	LS-MW-3R	
om BGS om TC.			Sample Time Sample ID Cuplicate ID MS/MSD	LS-MW-3R DUP-1	
om BGS om TC.	#8 60 53		Sample ID Cuplicate ID MS/MSD	LS-MW-3R DUP-1	
om BGS om TC.	28 60 50		Sample ID Cuplicate ID MS/MSD	LS-MW-3R DUP-1	
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7 16.13 7 15.93 8 15.86 6 15.81	6.63 6.63 6.63	3.442 3.428 3.410 3.381 3.338	19 16 12	1.60 1.28 1.05 0.85	- 110.0 - 110. - 110.
7 16.13 7 15.93 8 15.86 6 15.81 0 15.78	6.63 6.63 6.63 6.63	3.442 3.428 3.410 3.381 3.338 3.317	19 16 12 10	1.60 1.28 1.05 0.85 0.77	-110.0 -110.7 -110.7 -110.8
7 16.13 7 15.93 8 15.86 6 15.81 5 15.78	6.43 6.63 6.63 6.63 6.63 6.63	3.442 3.426 3.410 3.36\ 3.536 3.317 3.288	19 16 12 10	1.60 1.28 1.05 0.85 0.77 0.66	-110.0 -110. -110. -110.8 -110.8
7 16.13 7 15.93 8 15.86 6 15.81 0 15.78	6.43 6.63 6.63 6.63 6.63 6.63	3.442 3.428 3.410 3.381 3.338 3.317	19 16 12 10	1.60 1.28 1.05 0.85 0.77	- 109.1 - 110.0 - 110.7 - 110.3 - 110.8 - 109.3 - 109.8
	cr Temp. rel (Celclus) (C) [3%]*	Penestallic Pump Pump Type Samples collect stees VS 1 55 L 0 3 C 0 3 cr Temp. pH (Calcius) [C) [3%]* [0.1 units]*	Ponstatilic Pump ( ) Sub- Pump Type	Evacuation Method Baster ( ) Blacker Protestable Pump ( ) Settimestable Pump ( ) Settimestable Pump ( ) Pump Type (YORSCHALK SYSTE Samples collected by same method as evacuation there (Calclus) (mS/cm) (NTU) (Calclus) (mS/cm) (NTU) (Calclus) (0.1 units) (3%) [10% or 1 NTU]	Evacuation Method Basin ( ) Blader Pump (X)  Evacuation Method Basin ( ) Blader Pump (X)  Possibility Pump ( ) Seturalists Pump ( ) Other Specify)  Evacuation Method Basin ( ) Blader Pump (X)  Possibility Pump ( ) Seturalists Pump ( ) Other Specify  Pump Type (YARSCHALK SYSTEM 1 - SN:  Samples collected by same method as evacuation? O N(specify)  there (X 1 55 L 0 3 C 0 3 9 2 HACH TURBIDIME 9812 000 1 9 8 0 T

Length of Water Column   6,52'   VOCs (Std. list)   VOCs (Exp. list)	Weil Hear				TH			-		
Weather   CEAR   100 - 100   F	VELL INFORM	dspace (ppm)				Date	10/13	03		
Reference Point Marked?			0		38	Weather				
Reference Point Marked?   V   N   Neas. From   New Height of Reference Point   V   Neas. From   New Height New H		ATION							15.00	
Height of Reference Point	Materance	M. 177 (11.)	00 "				133			,
Screen Interval Degith   1.2   1.5   1.2   1.5	University of C		2261		0.0					
Screen Interval Depth 9.1 IV  Water Table Depth 9.1 IV  Meas From TIC  Well Depth 15.63 Meas From TIC  Length of Water Golumn 6.52 V  Volume at Water in Well 1.06 od I  Intake Depth of pump/fubing 12.5 V  Meas From TIC  Required Analytical Parameters. Collecte  VOCs (Std. list) (  I VO	Height of H	52 E-1000 1000 100 100 10	0	Meas, From	843	9				
Water Table Depth   9. 11					0.0				COLLECTED	DERE
Well Depth   15								Split Sample ID		
Length of Water Golumn   6,52'   VOCs (Std. liest)   VOCs (Exp. list)   VOCs (Exp. list	Wat									
Volume of Water in Well   1.06 od			0.00	Meas: From	TIC		Required	1010000000		Collected
Intake Depth of pump/lubing 12.5/ Meas. From TIC							1 1	VOCs	(Std. list)	1 1
PCBs (Total)					TIC		$\times$			1×1
PCBs (Dissolved)	Intake Depth	of pump/lubing	12.5	Meas. From	110	9	1 9	SV	OCs	1 1
C Top of linner (FVC) casing							1 1	PCBs	(Total)	1 )
							0.01	PCBs (C	Dissolved)	1 1
							1 1	Metals/in	org. (Tatal)	1 1
Past/Metb			askig				3 3			E 30
	rade/BGS: Gr	ound Surface					7 3	PCDD	s/PCDFs	1 2
VACUATION INFORMATION Primp Start Time							1 1	Pns	VHerb	1 1
Pump   Total   Water   Temp,   Pump   Total   Water   Temp,   Pump   Total   Water   Celclus	edovolop?	Y					1 1	Natural A	Attenuation	
Prince   France   F							1 1	Other	(Specify)	1 1
Pump Stop Time   13:24   Evaluation Method   Bailer ( )   Bladder Pump ( )	MACHATIONIC									
Time Rate Gallons Level (Celcius) (mS/cm) (NTU) (mg/l) (mV) (L/min.) Removed (ft TIC) [3%]* [0.1 units]* [3%]* [10% or 1 NTU]* (10% or 0.1 mryll* [10 mV] 15: 12 0.125 ] 4352 9.18 [5.64 (o.63 3.276 4 0.61 -100.	Pu Pu troutes at Point plume at water it wall go dry?	imp Start Time imp Stop Time igeng r semoved Y N	13:24 U4 1.53 gal			Ponstallic Puns Pump Type	p ( ) Su	bmersible Pump (	) Otter/Sper	
(L/min,) Removed (ft TIC) [3%]* [0.1 units]* [3%]* [10% or 1 NTU]* [10% or 0.1 mryll* [10 mv 15: 12 0.125 ] 4352 9.18 [5.64 [6.63 3.276 4 0.61 -110.	Pu Pu tenutes of Prim plaine of water lid wall go dry?	ang Start Time ang Stop Time sping r ramoved Y Q Water Quality M	13:24 64 1:53 gall	enal Nyanbesi	Terro	Ponstrille Puns Pump Type Samples collec	p ( ) Su ted by sains me	binerable Pump (	) Other/Spec 7 Y N(specdy)	
15:12 0.125 1 4352 9.18 15.64 6.63 3.226 4 0.51 -110.	Pti Pti denutitis of Primi olume of water olid well goldry?	anp Start Time amp Stop Time spenj r ramoved Y Q Water Quality M	13:24 64 1:53 gall oter Type(s): Se	enul Number		Ponstrille Puns Pump Type Samples collec	p ( ) Su ted by surna me Sp. Cond,	binerable Pump ( thod as evacuation Turbidity	) Other/Spec 7 Y Nisparcity, 50	ORP
	Pti Pc Mouths of Prim olume of water ick wall galdry?	anp Start Time amp Stop Time spenj r ramoved Y Q Water Quality M Pump Rate	13:24 U4 J:53 gall other Types(s) / Se Total Gallens	enal Numbers Water Level	(Celcius)	Perstallic Puer Pump Type Samples collec pH	p ( ) Su ted by surna me Sp. Cond, (mS/cm)	thod as evacuation  Turbidity (NTU)	) Other/Spec 7 Y N(specdy, 50 (mg/l)	ORP (mV)
15/15 1.55 1.55 1.55 1.55 1.55 1.55 1.55	Pti Pc Monutes of Prim olume of water ict walf ga.dry? Time	anp Start Time amp Stop Time r amoved Y Water Quality M Pump Rate (L/min.)	13:24 U4 J.53 gall other Types(s) / Se Total Gallons Removed	Water Level (ft TIC)	(Celclus) [3%]*	Porestallic Pues Pump Type Samples collect pH [0.1 units]*	p ( ) Su ted by surna me Sp. Cond, (mS/cm) [3%]*	thod as evacuation  Turbidity (NTU)  [10% or 1 NTU]	) Ollher/Space 7 Y N(spacedy) 50 (mg/l) (10% or 0-1 myyl)*	ORP (mV)
	Professional Profe	anp Start Time amp Stop Time amp Stop Time amp Stop Time Y Water Quality M Pump Rate (L/min.) 0.125	13:24 U4 J.53 gall other Types(s) / Se Total Gallens Removed J.4352	Water Level (ft TIC)	(Celclus) [3%]* 15. 64	Porstallic Puers Pamp Type Samples collec  pH  [0.1 units]*	5p. Cond. (mS/cm) [3%]*	thod as evacuation  Turbidity (NTU)  [10% or 1 NTU]	) Ollher/Spacely,  7 Y N(spacely,  50 (mg/l) (10% or 0.1 mg/l)*	ORP (mV) [10 mV]*
	Professional Profe	anp Start Time amp Stop Time amp Stop Time amp Stop Time Y Water Quality M Pump Rate (L/min.) 0.125	13:24 U4 J.53 gall other Types(s) / Se Total Gallens Removed J.4352	Water Level (ft TIC)	(Celclus) [3%]* 15. 64	Porstallic Puers Pamp Type Samples collec  pH  [0.1 units]*	5p. Cond. (mS/cm) [3%]*	thod as evacuation  Turbidity (NTU)  [10% or 1 NTU]	) Ollher/Spacely,  7 Y N(spacely,  50 (mg/l) (10% or 0.1 mg/l)*	ORP (mV)
	Professional Profe	anp Start Time amp Stop Time amp Stop Time amp Stop Time Y Water Quality M Pump Rate (L/min.) 0.125	13:24 U4 J.53 gall other Types(s) / Se Total Gallens Removed J.4352	Water Level (ft TIC)	(Celclus) [3%]* 15. 64	Porstallic Puers Pamp Type Samples collec  pH  [0.1 units]*	5p. Cond. (mS/cm) [3%]*	thod as evacuation  Turbidity (NTU)  [10% or 1 NTU]	) Ollher/Spacely,  7 Y N(spacely,  50 (mg/l) (10% or 0.1 mg/l)*	ORP (mV) [10 mV]*
	Professional Profe	anp Start Time amp Stop Time amp Stop Time amp Stop Time Y Water Quality M Pump Rate (L/min.) 0.125	13:24 U4 J.53 gall other Types(s) / Se Total Gallens Removed J.4352	Water Level (ft TIC)	(Celclus) [3%]* 15. 64	Porstallic Puers Pamp Type Samples collec  pH  [0.1 units]*	5p. Cond. (mS/cm) [3%]*	thod as evacuation  Turbidity (NTU)  [10% or 1 NTU]	) Ollher/Spacely,  7 Y N(spacely,  50 (mg/l) (10% or 0.1 mg/l)*	ORP (mV) [10 mV]*
	Professional Profe	anp Start Time amp Stop Time amp Stop Time amp Stop Time Y Water Quality M Pump Rate (L/min.) 0.125	13:24 U4 J.53 gall other Types(s) / Se Total Gallens Removed J.4352	Water Level (ft TIC)	(Celclus) [3%]* 15. 64	Porstallic Puers Pamp Type Samples collec  pH  [0.1 units]*	5p. Cond. (mS/cm) [3%]*	thod as evacuation  Turbidity (NTU)  [10% or 1 NTU]	) Ollher/Spec 7 Y N(specdy, 50 (mg/l) (10% or 0.1 mg/l)*	ORP (mV) [10 mV]*
	Professional Profe	anp Start Time amp Stop Time amp Stop Time amp Stop Time Y Water Quality M Pump Rate (L/min.) 0.125	13:24 U4 J.53 gall other Types(s) / Se Total Gallens Removed J.4352	Water Level (ft TIC)	(Celclus) [3%]* 15. 64	Porstallic Puers Pamp Type Samples collec  pH  [0.1 units]*	5p. Cond. (mS/cm) [3%]*	thod as evacuation  Turbidity (NTU)  [10% or 1 NTU]	) Ollher/Spec 7 Y N(specdy, 50 (mg/l) (10% or 0.1 mg/l)*	ORP (mV) [10 mV]*
	Professional Profe	anp Start Time amp Stop Time amp Stop Time amp Stop Time Y Water Quality M Pump Rate (L/min.) 0.125	13:24 U4 J.53 gall other Types(s) / Se Total Gallens Removed J.4352	Water Level (ft TIC)	(Celclus) [3%]* 15. 64	Porstallic Puers Pamp Type Samples collec  pH  [0.1 units]*	5p. Cond. (mS/cm) [3%]*	thod as evacuation  Turbidity (NTU)  [10% or 1 NTU]	) Ollher/Spec 7 Y N(specdy, 50 (mg/l) (10% or 0.1 mg/l)*	ORP (mV) [10 mV]*
	Professional Profe	anp Start Time amp Stop Time amp Stop Time amp Stop Time Y Water Quality M Pump Rate (L/min.) 0.125	13:24 U4 J.53 gall other Types(s) / Se Total Gallens Removed J.4352	Water Level (ft TIC)	(Celclus) [3%]* 15. 64	Porstallic Puers Pamp Type Samples collec  pH  [0.1 units]*	5p. Cond. (mS/cm) [3%]*	thod as evacuation  Turbidity (NTU)  [10% or 1 NTU]	) Ollher/Spec 7 Y N(specdy, 50 (mg/l) (10% or 0.1 mg/l)*	ORP (mV) [10 mV]*
	Professional Profe	anp Start Time amp Stop Time amp Stop Time amp Stop Time Y Water Quality M Pump Rate (L/min.) 0.125	13:24 U4 J.53 gall other Types(s) / Se Total Gallens Removed J.4352	Water Level (ft TIC)	(Celclus) [3%]* 15. 64	Porstallic Puers Pamp Type Samples collec  pH  [0.1 units]*	5p. Cond. (mS/cm) [3%]*	thod as evacuation  Turbidity (NTU)  [10% or 1 NTU]	) Ollher/Spec 7 Y N(specdy, 50 (mg/l) (10% or 0.1 mg/l)*	ORP (mV) [10 mV]*
	Production of Promobilities of Promobili	anp Start Time amp Stop Time amp Stop Time amp Stop Time Y Water Quality M Pump Rate (L/min.) 0.125	13:24 U4 J.53 gall other Types(s) / Se Total Gallens Removed J.4352	Water Level (ft TIC)	(Celclus)  3%]*  5, 64	Porstallic Puers Pamp Type Samples collec  pH  [0.1 units]*	5p. Cond. (mS/cm) [3%]*	thod as evacuation  Turbidity (NTU)  [10% or 1 NTU]	) Ollher/Spec 7 Y N(specdy, 50 (mg/l) (10% or 0.1 mg/l)*	ORP (mV) [10 mV]*
	Po Po Moutes of Pom Johnne of water Did well go dry? Time	anp Start Time amp Stop Time amp Stop Time amp Stop Time Y Water Quality M Pump Rate (L/min.) 0.125	13:24 U4 J.53 gall other Types(s) / Se Total Gallens Removed J.4352	Water Level (ft TIC)	(Celclus)  3%]*  5, 64	Porstallic Puers Pamp Type Samples collec  pH  [0.1 units]*	5p. Cond. (mS/cm) [3%]*	thod as evacuation  Turbidity (NTU)  [10% or 1 NTU]	) Ollher/Spec 7 Y N(specdy, 50 (mg/l) (10% or 0.1 mg/l)*	00 (n) (10 ~ ///
	Pu Po Monutes of Prim Johnne of water Did wall go dry? Time	anp Start Time amp Stop Time amp Stop Time amp Stop Time Y Water Quality M Pump Rate (L/min.) 0.125	13:24 U4 J.53 gall other Types(s) / Se Total Gallens Removed J.4352	Water Level (ft TIC)	(Celclus)  3%]*  5, 64	Porstallic Puers Pamp Type Samples collec  pH  [0.1 units]*	5p. Cond. (mS/cm) [3%]*	thod as evacuation  Turbidity (NTU)  [10% or 1 NTU]	) Ollher/Spec 7 Y N(specdy, 50 (mg/l) (10% or 0.1 mg/l)*	ORP (mV) [10 mv]
	Professional Profe	anp Start Time amp Stop Time amp Stop Time amp Stop Time Y Water Quality M Pump Rate (L/min.) 0.125	13:24 U4 J.53 gall other Types(s) / Se Total Gallens Removed J.4352	Water Level (ft TIC)	(Celclus)  3%]*  5, 64	Porstallic Puers Paimp Type Samples collec  pH  [0.1 units]*	5p. Cond. (mS/cm) [3%]*	thod as evacuation  Turbidity (NTU)  [10% or 1 NTU]	) Ollher/Spec 7 Y N(specdy, 50 (mg/l) (10% or 0.1 mg/l)*	ORP (mV) [10 mV]*
	Professional Profe	anp Start Time amp Stop Time amp Stop Time amp Stop Time Y Water Quality M Pump Rate (L/min.) 0.125	13:24 U4 J.53 gall other Types(s) / Se Total Gallens Removed J.4352	Water Level (ft TIC)	(Celclus)  3%]*  5, 64	Porstallic Puers Paimp Type Samples collec  pH  [0.1 units]*	5p. Cond. (mS/cm) [3%]*	thod as evacuation  Turbidity (NTU)  [10% or 1 NTU]	) Ollher/Spec 7 Y N(specdy, 50 (mg/l) (10% or 0.1 mg/l)*	ORP (mV) [10 mV]*
	Po Po Menutes of Prim Johnne of water Jick well go dry?	anp Start Time amp Stop Time spenj r ramoved Y Q Water Quality M Pump Rate	13:24 U4 J:53 gall other Types(s) / Se Total Gallens	enal Numbers Water Level	(Celcius)	Perstallic Puer Pump Type Samples collec pH	p ( ) Su ted by surna me Sp. Cond, (mS/cm)	thod as evacuation  Turbidity (NTU)	) Other/Spec 7 Y N(specdy, 50 (mg/l)	C (r
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	Professional Profe	anp Start Time amp Stop Time amp Stop Time amp Stop Time Y Water Quality M Pump Rate (L/min.) 0.125	13:24 U4 J.53 gall other Types(s) / Se Total Gallens Removed J.4352	Water Level (ft TIC)	(Celclus)  3%]*  5, 64	Porstallic Puers Paimp Type Samples collec  pH  [0.1 units]*	5p. Cond. (mS/cm) [3%]*	thod as evacuation  Turbidity (NTU)  [10% or 1 NTU]	) Ollher/Spacely,  7 Y N(spacely,  50 (mg/l)  (10% or 0.1 mg/l)*	ORP (mV) [10 mV]*
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	Pu Po coutes of Pum during of water d wall go dry? Time	anp Start Time amp Stop Time amp Stop Time amp Stop Time Y Water Quality M Pump Rate (L/min.) 0.125	13:24 U4 J.53 gall other Types(s) / Se Total Gallens Removed J.4352	Water Level (ft TIC)	(Celclus)  3%]*  5, 64	Porstallic Puers Paimp Type Samples collec  pH  [0.1 units]*	5p. Cond. (mS/cm) [3%]*	thod as evacuation  Turbidity (NTU)  [10% or 1 NTU]	) Ollher/Spacely,  7 Y N(spacely,  50 (mg/l)  (10% or 0.1 mg/l)*	ORP (mV) [10 mV]*
	Pu Po coutins of Pum plume of water d well go dry? Time	anp Start Time amp Stop Time amp Stop Time amp Stop Time Y Water Quality M Pump Rate (L/min.) 0.125	13:24 U4 J.53 gall other Types(s) / Se Total Gallens Removed J.4352	Water Level (ft TIC)	(Celclus)  3%]*  5, 64	Porstallic Puers Paimp Type Samples collec  pH  [0.1 units]*	5p. Cond. (mS/cm) [3%]*	thod as evacuation  Turbidity (NTU)  [10% or 1 NTU]	) Ollher/Spacely,  7 Y N(spacely,  50 (mg/l)  (10% or 0.1 mg/l)*	ORP (mV) [10 mV]*
	Pu Po coutins of Pum plume of water d well go dry? Time	anp Start Time amp Stop Time amp Stop Time amp Stop Time Y Water Quality M Pump Rate (L/min.) 0.125	13:24 U4 J.53 gall other Types(s) / Se Total Gallens Removed J.4352	Water Level (ft TIC)	(Celclus)  3%]*  5, 64	Porstallic Puers Paimp Type Samples collec  pH  [0.1 units]*	5p. Cond. (mS/cm) [3%]*	thod as evacuation  Turbidity (NTU)  [10% or 1 NTU]	) Ollher/Spacely,  7 Y N(spacely,  50 (mg/l)  (10% or 0.1 mg/l)*	ORP (mV) [10 mV]*
	Professional Profe	anp Start Time amp Stop Time amp Stop Time amp Stop Time Y Water Quality M Pump Rate (L/min.) 0.125	13:24 U4 J.53 gall other Types(s) / Se Total Gallens Removed J.4352	Water Level (ft TIC)	(Celclus)  3%]*  5, 64	Porstallic Puers Paimp Type Samples collec  pH  [0.1 units]*	5p. Cond. (mS/cm) [3%]*	thod as evacuation  Turbidity (NTU)  [10% or 1 NTU]	) Ollher/Spacely,  7 Y N(spacely,  50 (mg/l)  (10% or 0.1 mg/l)*	ORP (mV) [10 mV]*

PID Background (ppm)  Well Headspace (ppm)  VELL INFORMATION  Reference Point Marked?  Height of Reference Point  Well Diameter  Screen Interval Depth  Well Depth  Well Depth  Yolume of Water Column  Volume of Water in Well  Intake Depth of pump/tubing  Reference Point Identification	0 -0.35 z" 9'-14' 9.30 13.78 1.48 0.73	Meas. From Meas From Meas. From Meas. From	Ground	Date Weather	GAR/K 10/9/03 Cler, G			
Well Headspace (ppm)  VELL INFORMATION Reference Point Marked? Height of Reference Point Well Diameter Screen Interval Depth 9 Well Depth 9 Well Depth 1 Length of Water Column Volume of Water in Well Intake Depth of pump/tubing Reference Point Identification	0 -0.35 z" 9'-14' 9.30 13.78 1.48 0.73	Meas From Meas From		Weather				
VELL INFORMATION Reference Point Marked? Height of Reference Point Well Diameter Screen Interval Depth 9 Well Depth 9 Well Depth 15 Length of Water Column 15 Volume of Water in Well 15 Intake Depth of pump/tubing	9.35 2" 9'-14' 9.30 13.78 1.48 0.73	Meas From Meas From			Clear, G			
Reference Point Marked? Height of Reference Point Well Diameter Screen Interval Depth 9 Well Depth 9 Well Depth 15 Length of Water Column 15 Volume of Water in Well 15 Intake Depth of pump/tubing	z" 9:30 13:78 1:48 0:73	Meas From Meas From		<u> </u>		Sample Time		
Height of Reference Point  Well Diameter  Screen Interval Depth   Waler Table Depth   Weil Depth   Length of Water Column   Volume of Water in Well   Intake Depth of pump/tubing  Reference Point Identification	z" 9:30 13:78 1:48 0:73	Meas From Meas From		<u>5</u> 8			15:20	latina - service
Well Diameter Screen Interval Depth Well Depth Well Depth Length of Water Column Volume of Water in Well Intake Depth of pump/tubing Reference Point Identification	z" 9:30 13:78 1:48 0:73	Meas From Meas From		\$1		Sample ID	LS-MW-	62
Screen Interval Depth  Water Table Depth  Weil Depth  Length of Water Column  Volume of Water in Weil  Intake Depth of pump/tubing	9'-14' 9.30 13.78 4.48 0.73	Meas. From				Duplicate ID		
Water Table Depth   We'll Depth   Length of Water Column   Volume of Water in Well   Intake Depth of pump/tubing   leference Point Identification	9.30 13.78 1.48 0.73	Meas. From	Ground			MS/MSD	~	
Weil Depth // Length of Water Column / Volume of Water in Weil	13.78 4.48 0.73		-			Split Sample ID	-	
Length of Water Column  Volume of Water in Weil  Intake Depth of pump/tubing  deference Point Identification	4.48 D.73	Meas, From	TIC			G-description outside Grande		
Volume of Water in Weil	0.73		TIC		Required	Analytical (	Parameters:	Callected
Intake Depth of pump/tubing			Landa Control	7.0	( )	VOCs	Std. list)	1 1
Reference Point Identification	12.0				( )	VOCs	(Exp.list)	2 3
deference Point Identification		Meas, From	TIC		C Y	SV	OCs	7 3
		-0.000000000000000000000000000000000000		-	6 7		(Total)	45 71
					(i) (i)		Dissolved)	1 1
IC: Top at Inner (PVC) casing							org (Total)	\$ M
OC: Top of quier (protective) cas	ision				9 8		(Dissolved)	7 1
Grade/BGS. Ground Surface					1 1		PCDFs	
- Company Company (MCACHELL SANDALIS)					70 3		Vi-forts	N 10
tedevelop? Y (N)							Meminton	1 1
					1× 1		Springly)	( جد )
VACUATION INFORMATION						Tatal + F:/	tered Merc	18
Pump Start Time 1	14:10					70 121 1777	icite iverc	ury
Pump Step Time /		-		Evacuation Me	Chad Badar (	) Bladder Ps	ment of the	
100		ŧ3		Penstalic Pun		bmorable Pring (		anti- econ
	75 1.50 ml			Pinen Type	The state of the s		China Sha	and find
Did well go dry? Y (N)		-		A street, a black	Geor	ump Z		
~				Total Confidence and Confidence	10/1/20/20/20/20/20	ump Z and its evacuation	/ N(specify)	
Water Quality Mete	iter Type(s) / S	Senal Numbers		Samples collect	cted by same me	and is execution		
	ese utresa-mes	#10.00000000000000000000000000000000000	Hach 7	Samples collected 56 - 03  Turbidia	C1961 A	mod is evacuation 1 4110000 6		ORP
Pump	Total	Water	Yach 7 Temp.	Samples collect	C1961 A Sp. Cond.	and is execution	553 00	
Pump Time Rate	Total Gallons	Water Level	Hach 7 Temp. (Celclus)	Samples collection  56 - 03  4-bidin  pH	C1961 A Sp. Contl. (mS/cm)	triod is evicuation  ###Opo 6  Turbidity (NTU)	رهورا)	ORP (mV)
Pump Time Rate [Umin]	Total Gallons Removed	Water Level (ft TiG)	Yach 7 Temp.	Samples collected 56 - 03  Turbidia	C1961 A Sp. Cond.	mod is evicuation  ###Opo 6  Turbidity  (NTU)  [10% or 1 NTU]	553 00	ORP
Pump Time Rate [L/min.) 14:10 100 m.)	Total Gallons Removed	Water Level (ft TiC) 7. 3 1	Hach 7 Temp. (Celclus) [3%]*	Samples collect  SG - 03  M - bidin  pH  [0 1 units]*	C 1 9G 1 A C 1 9G 1 A Sp. Cond. (mS/cm) [3%]*	mod is evicuation  // // Opp G  Turbidity (NTU)  [10% or 1 NTU]  43	[1022,01.0 1 mdd], (wdt)) 00	ORP (mV) [10 mV]
Pump Time Rate [L/min] 14:10 /00 m] 14:15 /00 m]	Total Gallens Removed	Water Level (ft TIC) 7. 3.1	Hach 7 Temp. (Celclus) [3%]	Samples collect  56 - 03  6-70	C 1 961 A C 1 961 A Sp. Cond. (mS/cm) [3%]*	### Open G   1   1   1   1   1   1   1   1   1	5.33 (mg/l) (mg/l) 	ORP (mV) [10 mV] —
Pump Rate [Lmin] 14:10	Total Gallens Removed 0.13 0.26	Water Level (# TIC) 9.31 9.31	Hach 7 Temp. (Celclus) [3%]* — /8.47 /8.50	Samples collect  56 - 03  Mr. b. d. n  pH  [0 1 units]*	C1961 A Sp. Cond. (mS/cm) (3%)  3.847  3.782	### Open G   Turbidity (NTU)   10% or 1 NTU    43   72   70	5 & 3 & 0.83	ORP (mV) [10 mV] - -/35.4
Pump Rate [Lmin] 14:10	Total Gallens Removed - U.13 U.26 U.39	Water Level (# TIC) 9.31 9.31 9.31	Hach 7 Temp. (Celclus) [3%]' — 18.47 18.50 18.59	Samples collect  56 - 03  Mrb.idin  pH  [0 1 units]*	C1961 A Sp. Cond. (mS/cm) [3%]* - 3.847 3.782 3.724	### Open G   Turbidity (NTU)   10% or 1 NTU    43   72   70   71	5 & 3 0 . 8 3 /. / Z	ORP (mV) [10 mV]* -/35.4 -/33.0 -/31.4
Pump Rate [Lmin] 14:10	Total Gallens Removed 	Water Level (# TIC) 9.31 9.31 9.31 9.31 9.31	Hach 7 Temp. (Celclus) [3%] - 18.47 18.50 18.59 18.45	Samples collect  S6 - 03  Mrbidin  pH  [0 1 units]*	C1961 A Sp. Cond. (mS/cm) [3%]* - 3.847 3.782 3.724 3.585	### Open G   Turbidity (NTU)   10% or 1 NTU    43   72   70   71   72   72   73   74   75   75   75   75   75   75   75	5 & 3 0.83 /. / Z	ORP (mV) [10 mV] -135.4 -133.0 -131.4 -126.5
Pump Rate [Lmin] 14:10	Total Gallens Removed 	Water Level (ft TIC) 9.31 9.31 9.31 9.31 9.31	Hach 7 Temp. (Celclus) [3%] - 18.47 18.50 18.59 18.49	Samples collect  56 - 03  Mr bidin  pH  [0 1 units]*  6.70  6.71  6.72  6.74  6.76	C1961 A Sp. Contl. (mS/cm) (3%) 3.847 3.782 3.782 3.783 3.481	### Open G   ### O	5 2.3 00 (mg/l) [10% or 0.1 mg/l] - 5.33 0.83 7.72 7.32 7.32	ORP (mV) [10 mV] -/35.4 -/33.0 -/31.4 -/26.5 -/28.3
Pump Rate [L/min] 14:10	Total Gallens Removed 0.13 0.26 0.39 0.52 0.65 0.78	Water Level (# TIC) 9.31 9.31 9.31 9.31 9.31	//ach 7 Temp. (Celclus) [3%]* 	Samples collect  56 - 03  Mr b. d. n  pH  [0 1 units]*  6.70  6.71  6.72  6.74  6.76  6.77	C1961 A Sp. Contl. (mS/cm) (3%) 3.847 3.782 3.724 3.585 3.481 3.396	### DOOD G Turbidity (NTU) [10% or 1 NTU]*  4 3 7 2 70 71 72 8 8	5 2 3 00 (mg/l) [10% or 0.1 mg/l]* 	ORP (mV) [10 mV] -/35.4 -/33.0 -/31.4 -/26.5 -/28.3 -/31.1
Pump Rate [L/min] 14:10	Total Gallons Removed 	Water Level (ff TiC) 9.31 9.31 9.31 9.31 9.31 9.31	//ach 7 Temp. (Celclus) [3%]*  /8.47 /8.50 /8.59 /8.49 /8.56 /8.65	Samples collect  56 - 03  Mr b.idin  pH  [0 1 units]*  6.70  6.71  6.72  6.74  6.76  6.77  6.80	C1961 A Sp. Contl. (mS/cm) (3%) 3.847 3.782 3.724 3.585 3.481 3.396 3.240	### Open G   Probability (NTU)   10% or 1 NTU    43   7   7   7   8   8   7	52.3 00 (mg/l) 10% or 0.1 mg/l) 	ORP (mV) [10 mV] -/35.4 -/33.0 -/31.4 -/26.5 -/28.3 -/31.1 -/34.4
Pump Rate [L/min] 14:10	Total Gallons Removed 0.13 0.26 0.39 0.52 0.65 0.78 0.91	Water Level (ft TiC) 9.31 9.31 9.31 9.31 9.31 9.31 9.31	Hach 7 Temp. (Celclus) [3%]*  /8.47 /8.50 /8.59 /8.49 /8.56 /8.69	Samples collect  56 - 03  Mr bidin  pH  [0 1 units]*  6.70  6.71  6.72  6.74  6.77  6.80  6.81	C1961 A Sp. Contl. (mS/cm) [3%] 3.847 3.782 3.724 3.585 3.481 3.396 3.240 3.195	### Dood 6  Turbidity (NTU)  10% or 1 NTU   43  72  70  71  8  8  7  6	5 2 3 00 (mg/l) 10% or 0 1 mg/l) 	ORP (mV) [10 mV] -/35.4 -/33.0 -/31.4 -/26.5 -/28.3 -/31.1 -/34.4 -/36./
Pump Rate [L/min]  14:10	Total Gallons Removed	Water Level (ff TiC) 9.31 9.31 9.31 9.31 9.31 9.31 9.31 9.31	Hach 7 Temp. (Celclus) [3%]*	Samples collect  56 - 03  Mr b. d. n  pH  [0 1 units]*  6.70  6.71  6.72  6.74  6.76  6.77  6.80  6.81	C1961 A Sp. Contl. (mS/cm) [3%] 3.847 3.782 3.724 3.585 3.481 3.396 3.240 3.195 3.101	### Dood & evacuation  #### P### P##########################	5 & 3 00 (mg/l) [10% or 0 1 mg/l] 5.33 0.83 1.12 1.32 1.26 0.95 1.00 1.03	ORP (mV) [10 mV] -/35.4 -/33.0 -/31.4 -/26.5 -/28.3 -/31.1 -/34.4 -/36.4
Pump Rate [L/min]  14:10	Total Gallons Removed 0.13 0.26 0.39 0.52 0.65 0.78 0.91	Water Level (ft TiC) 9.31 9.31 9.31 9.31 9.31 9.31 9.31	Hach 7 Temp. (Celclus) [3%]*  /8.47 /8.50 /8.59 /8.49 /8.56 /8.69	Samples collect  56 - 03  Mr bidin  pH  [0 1 units]*  6.70  6.71  6.72  6.74  6.77  6.80  6.81	C1961 A Sp. Contl. (mS/cm) [3%] 3.847 3.782 3.724 3.585 3.481 3.396 3.240 3.195	### Dood 6  Turbidity (NTU)  10% or 1 NTU   43  72  70  71  8  8  7  6	5 2 3 00 (mg/l) 10% or 0 1 mg/l) 	ORP (mV) [10 mV]" -/35.4 -/33.0 -/31.4 -/26.5 -/28.3 -/31.1 -/34.4 -/36./

	15-MW	~~		the feet of the contract of th		GMA-1	_		
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	ckground (ppm)	-		4		10/9/03			
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ELL INFOR	MATION						Sample Time	15:20	
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Sero	en Interval Depth	Control College	Meas, From	Ground					
	ater Table Depth		Meas. From	TIC			Split Sample ID	_	-
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	th of pump/tubing	THE RESERVE TO STREET, SALES		TIG		0		(Exp.list)	
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	y? Y (N) Writer Quality t	Vioter Type(s) / S	enal Nizifburš	17 ac	Samples collectors	ded by same me	molangawa na tshita	00	
id wall go de	Water Quality A	Moter Type(s) / S  Total  Gallons	enal Numbers Water Lovel	77 a.c. Temp. (Colclus)	Samples collectors of	Sp. Cond.	Turbidity (NTU)	00 (mg/I)	ORP (mV)
id wall yo da Time	Water Quality I Pump Rate (L/min.)	Vioter Type(s) / S  Total  Gallons  Removed	Water Lovel (fi TIC)	79 a.c. Temp. (Celclus) [3%]*	Samples collectors of S & D T T T T T T T T T T T T T T T T T T	Slim ter Sp. Cond. (mS/cm)	Turbidity [NTU]	(mg/l) (mg/l)	ORP (mV) [10 mV]*
id well ye de Time	Water Quality Marter Quality Marter Quality Marter (Limin.)	Voter Type(s) / S  Total  Gallons  Removed  J. 5 6	water Lovel (ft TIC)	79 a.c. Temp. (Calcius) (3%)*	Samples collect  5 5 6  74-6, pH  [0 1 undsi*	slim ster Sp. Cond. (mS/cm) [3%]	Turbidity (NTU) [10% or 1 NTU]*	0 - 88 (mg/l) 00	ORP (mV)
id well ye de Time	Water Quality I Pump Rate (L/min.)	Vioter Type(s) / S  Total  Gallons  Removed	Water Lovel (fi TIC)	79 a.c. Temp. (Celclus) [3%]*	Samples collectors of S & D T T T T T T T T T T T T T T T T T T	Slim ter Sp. Cond. (mS/cm)	Turbidity [NTU]	(mg/l) (mg/l)	ORP (mV) [10 mV]
Time	Water Quality Marter Quality Marter Quality Marter (Limin.)	Voter Type(s) / S  Total  Gallons  Removed  J. 5 6	water Lovel (ft TIC)	79 a.c. Temp. (Calcius) (3%)*	Samples collect  5 5 6  74-6, pH  [0 1 undsi*	slim ster Sp. Cond. (mS/cm) [3%]	Turbidity (NTU) [10% or 1 NTU]*	0 - 88 (mg/l) 00	ORP (mV) [10 mV]
id wall ya dr	Water Quality Marter Quality Marter Quality Marter (Limin.)	Voter Type(s) / S  Total  Gallons  Removed  J. 5 6	water Lovel (ft TIC)	79 a.c. Temp. (Calcius) (3%)*	Samples collect  5 5 6  74-6, pH  [0 1 undsi*	slim ster Sp. Cond. (mS/cm) [3%]	Turbidity (NTU) [10% or 1 NTU]*	0 - 88 (mg/l) 00	ORP (mV) [10 mV]
Time	Water Quality Marter Quality Marter Quality Marter (Limin.)	Voter Type(s) / S  Total  Gallons  Removed  J. 5 6	water Lovel (ft TIC)	79 a.c. Temp. (Calcius) (3%)*	Samples collect  5 5 6  74-6, pH  [0 1 undsi*	slim ster Sp. Cond. (mS/cm) [3%]	Turbidity (NTU) [10% or 1 NTU]*	0 - 88 (mg/l) 00	ORP (mV) [10 mV]
Time	Water Quality Marter Quality Marter Quality Marter (Limin.)	Voter Type(s) / S  Total  Gallons  Removed  J. 5 6	water Lovel (ft TIC)	79 a.c. Temp. (Calcius) (3%)*	Samples collect  5 5 6  74-6, pH  [0 1 undsi*	slim ster Sp. Cond. (mS/cm) [3%]	Turbidity (NTU) [10% or 1 NTU]*	0 - 88 (mg/l) 00	ORP (mV) [10 mV]
Time	Water Quality Marter Quality Marter Quality Marter (Limin.)	Voter Type(s) / S  Total  Gallons  Removed  J. 5 6	water Lovel (ft TIC)	79 a.c. Temp. (Calcius) (3%)*	Samples collect  5 5 6  74-6, pH  [0 1 undsi*	slim ster Sp. Cond. (mS/cm) [3%]	Turbidity (NTU) [10% or 1 NTU]*	0 - 88 (mg/l) 00	ORP (mV) [10 mV]
Time	Water Quality Marter Quality Marter Quality Marter (Limin.)	Voter Type(s) / S  Total  Gallons  Removed  J. 5 6	water Lovel (ft TIC)	79 a.c. Temp. (Calcius) (3%)*	Samples collect  5 5 6  74-6, pH  [0 1 undsi*	slim ster Sp. Cond. (mS/cm) [3%]	Turbidity (NTU) [10% or 1 NTU]*	0 - 88 (mg/l) 00	ORP (mV) [10 mV]
Time	Water Quality Marter Quality Marter Quality Marter (Limin.)	Voter Type(s) / S  Total  Gallons  Removed  J. 5 6	water Lovel (ft TIC)	79 a.c. Temp. (Calcius) (3%)* 18.67	Samples collect  5 5 6  74-6, pH  [0 1 undsi*	slim ster Sp. Cond. (mS/cm) [3%]	Turbidity (NTU) [10% or 1 NTU]*	0 - 88 (mg/l) 00	ORP (mV) [10 mV]
Time	Water Quality Marter Quality Marter Quality Marter (Limin.)	Voter Type(s) / S  Total  Gallons  Removed  J. 5 6	water Lovel (ft TIC)	79 a.c. Temp. (Calcius) (3%)* 18.67	Samples collect  5 5 6  74-6, pH  [0 1 undsi*	slim ster Sp. Cond. (mS/cm) [3%]	Turbidity (NTU) [10% or 1 NTU]*	0 - 88 (mg/l) 00	ORP (mV) [10 mV]
Time	Water Quality Marter Quality Marter Quality Marter (Limin.)	Voter Type(s) / S  Total  Gallons  Removed  J. 5 6	water Lovel (ft TIC)	79 a.c. Temp. (Calcius) (3%)* 18.67	Samples collect  5 5 6  74-6, pH  [0 1 undsi*	slim ster Sp. Cond. (mS/cm) [3%]	Turbidity (NTU) [10% or 1 NTU]*	0 - 88 (mg/l) 00	ORP (mV) [10 mV]
Time 15:10 15:15	Water Quality A Pump Rate (Limin.)  /00 m l /06 m l	Total Gallons Removed  1.56	Water Lovel (fi TIC) 9. 31 9. 31	77 a.c Temp. (Calcius) [3%]* 18.67 18.70	Samples collect  S S 6  L Tark, pH  [0 1 units!* 6. F5 6.86	Sp. Cond. (mS/cm) [3%]* 3. 0 25 3-0 20	Turbidity (NTU) [10% or 1 NTU]*  5	0-89 (mg/l) (10% or 0.1 mg/l)	ORP (mV) [10 mV]
Time 15:10 15:15 The stabilize	Water Quality & Pump Rate (Limin.)  /00 ml  /06 ml	Total Gallons Removed A.5.6  I-6.3	Water Lovel (ft TIC)  9-31  9-31	77 a.c Temp. (Calcius) [3%]* 18.67 18.70	Samples collect  S S 6  L Tark, pH  [0 1 units!* 6. F5 6.86	Sp. Cond. (mS/cm) [3%]* 3. 0 25 3-0 20	Turbidity (NTU) [10% or 1 NTU]*	0-89 (mg/l) (10% or 0.1 mg/l)	ORP (mV) [10 mV]
Time  75:70  75:75	Water Quality A Pump Rate (Limin.)  /00 m l /06 m l	Total Gallons Removed A.5.6  I-6.3	Water Lovel (ft TIC) 9-31 9-31	77 a.c Temp. (Calcius) [3%]* 18.67 18.70	Samples collect  S S 6  L Tark, pH  [0 1 units!* 6. F5 6.86	Sp. Cond. (mS/cm) [3%]* 3. 0 25 3-0 20	Turbidity (NTU) [10% or 1 NTU]*  5	0-89 (mg/l) (10% or 0.1 mg/l)	ORP (mV) [10 mV]
Time  75:70  75:75  The stabilizing	Water Quality & Pump Rate (Limin.)  /00 ml  /06 ml	Total Gallons Removed A.5.6  I-6.3	Water Lovel (ft TIC) 9-31 9-31	77 a.c Temp. (Calcius) [3%]* 18.67 18.70	Samples collect  S S 6  L Tark, pH  [0 1 units!* 6. F5 6.86	Sp. Cond. (mS/cm) [3%]* 3. 0 25 3-0 20	Turbidity (NTU) [10% or 1 NTU]*  5	0-89 (mg/l) (10% or 0.1 mg/l)	ORP (mV) [10 mV]
Time 15:10 15:15 The stabilize	Water Quality & Pump Rate (Limin.)  /00 ml  /06 ml	Total Gallons Removed A.5.6  I-6.3	Water Lovel (ft TIC) 9-31 9-31	77 a.c Temp. (Calcius) [3%]* 18.67 18.70	Samples collect  S S 6  L Tark, pH  [0 1 units!* 6. F5 6.86	Sp. Cond. (mS/cm) [3%]* 3. 0 25 3-0 20	Turbidity (NTU) [10% or 1 NTU]*  5	0-89 (mg/l) (10% or 0.1 mg/l)	ORP (mV) [10 mV]
Time 15:10 15:15 The stabilize	Water Quality & Pump Rate (Limin.)  /00 ml  /06 ml	Total Gallons Removed A.5.6  I-6.3	Water Lovel (ft TIC) 9-31 9-31	77 a.c Temp. (Calcius) [3%]* 18.67 18.70	Samples collect  S S 6  L Tark, pH  [0 1 units!* 6. F5 6.86	Sp. Cond. (mS/cm) [3%]* 3. 0 25 3-0 20	Turbidity (NTU) [10% or 1 NTU]*  5	0-89 (mg/l) (10% or 0.1 mg/l)	ORP (mV) [10 mV]
Time 15:10 15:15 The stabilize	Water Quality & Pump Rate (Limin.)  /00 ml  /06 ml	Total Gallons Removed A.5.6  I-6.3	Water Lovel (ft TIC) 9-31 9-31	77 a.c Temp. (Calcius) [3%]* 18.67 18.70	Samples collect  S S 6  L Tark, pH  [0 1 units!* 6. F5 6.86	Sp. Cond. (mS/cm) [3%]* 3. 0 25 3-0 20	Turbidity (NTU) [10% or 1 NTU]*  5	0-89 (mg/l) (10% or 0.1 mg/l)	ORP (mV) [10 mV]
Time  /5:/0 /5!/s  The stabilize	Water Quality & Pump Rate (Limin.)  /00 ml  /06 ml	Total Gallons Removed A.5.6  I-6.3	Water Lovel (ft TIC) 9-31 9-31	77 a.c Temp. (Calcius) [3%]* 18.67 18.70	Samples collect  S S 6  L Tark, pH  [0 1 units!* 6. F5 6.86	Sp. Cond. (mS/cm) [3%]* 3. 0 25 3-0 20	Turbidity (NTU) [10% or 1 NTU]*  5	0-89 (mg/l) (10% or 0.1 mg/l)	ORP (mV) [10 mV]
Time  /5:/0 /5:/5 The stabilize BSERVATI	Water Quality & Pump Rate (L/min.)  200 ml /06 ml  ation criteria for e ONS/SAMPLING	Total Gallons Removed A.5.6  I-6.3	Water Lovel (ft TIC) 9-31 9-31	77 a.c Temp. (Calcius) [3%]* 18.67 18.70	Samples collected at 3-10	Sp. Cond. (mS/cm) [3%]* 3. 0 25 3-0 70	Turbidity [NTU] [10% or 1 NTU]*  5 5	00 (mg/l) [10% or 0 1 mg/l] 0 - 88 0 - 90	ORP (mV) [10 mV] -/38.7
Time  /5:/0  /5!/S  The stabilize  DBSERVATION  SAMPLE DE  Laborator	Water Quality & Pump Rate (L/min.) 200 ml 106 ml  ation criteria for e. ONS/SAMPLING	Total Gallons Removed A.5.6  I-6.3	Water Lovel (ft TIC) 9-31 9-31	77 a.c Temp. (Calcius) [3%]* 18.67 18.70	Samples collected at 3-10	Sp. Cond. (mS/cm) [3%]* 3. 0 25 3-0 70	Turbidity [NTU] [10% or 1 NTU]*  5 5	00 (mg/l) [10% or 0 1 mg/l] 0 - 88 0 - 90	ORP (mV) [10 mV] -138.7
Time  /5:/0  The stabilize  SAMPLE DE  Laborator  Delivered Vi	Water Quality & Pump Rate (L/min.) 200 ml 106 ml  ation criteria for e. ONS/SAMPLING	Total Gallons Removed A.5.6  I-6.3	Water Lovel (ft TIC) 9-31 9-31	77 a.c Temp. (Calcius) [3%]* 18.67 18.70	Samples collected at 3-10	Sp. Cond. (mS/cm) [3%]* 3. 0 25 3-0 70	Turbidity [NTU] [10% or 1 NTU]*  5 5	0-89 (mg/l) (10% or 0.1 mg/l)	ORP (mV) [10 mV] -/38.7

Key No. PID Backgrour Well Headspac		0		Samplin	ig Personnel				
하나 하는 아이들은 교육하였다.		0				KLB.	02		
Well Headspac					Date	10/16/	0.3		
	ce (ppm)			-	Weather	HAKTLY !	SUNINY, W	1. DY , 50 -5	25°F
ELL INFORMATION		$\bigcirc$						GMPT-9	12:45
Reference Point		N		CA			Sample ID	GmAI-9	
Height of Refere	C10.	3,1	Meas. From	GROUND			Ouplicate 10		
	Diameter	2 inche		120/20 10/10/2			MS/MSD		
		1.1-17.1'	Meas, From	GROUND			Split Sample ID		
		And in contrast of the last of	Meas. From	TIC,					
W	Veil Depth	Committee of the second	Meas, From	TIC		Required		Parameters:	Collected
Length of Water	er Column	15.31	028			4 )	VOCs	(Std. list)	t 1
Volume of Wat	ter in Well	2.50 ga	0	000000		1 1	VOCs	(Exp.list)	¢ 1
Intake Copth of our	mp/lubing	12.00	Meas From	TIC		t 1	SV	OCs	4
				-Mindestro		D E	PCBs	(Total)	4 1
ference Point Ident	tification:					D) 96	PCBs (0	Dissatved)	10 E
Top of Inner (PV	/C) casing					D 1	Metals/In	org. (Total)	6 1
C. Top of duler (p	rctoctive) o	nsing				1 1	Metals/Incir	j. (Dissulved)	4 1
ide/BGS_ Ground		SATIST						SPCDFs	4 1
						100		t/Herb	100
develop? Y	$\sim$							Attenuation	2 2
(						(×)		(Specify)	
							LULY - FILTER	CONTRACTOR OF THE PROPERTY OF THE PARTY OF T	THE ET
ACTIATION INFO	RMATION					11-1-		The PIPE	CICKE D
		11.04							
	Start Timer	11:24			e de la companya de	mar manar	Dr. Harris		
Ритр 5 Ритр S		11:24			Evacuation Me				and the lat
Pump S Pump S ioutes of Pumping	Start Time Stop Tiese	11:24			Penstallic Pum	p <b>X</b> 1 Su	omersable Pomp. (	) Other/Spe	oly ( 1
Pump S Pump S inutes of Pumping itume at water name it well go dry? — Y	Start Time Stop Time oved	11:24 12:54 20 2.59a		i B	Penstallic Pum Pump Type Samples called	p X) Su (ED PROP) ded by some me	omersible Pump ( E 2 GEOP	) Other/Spe	2311 10
Pump S Pump S Ingles of Pumping Jume of water new d well go dry? Y Wate	Start Timer Stop Timer oved N	atm Typo(s)) di	mai Numbers	YSI 556 HACH TUK	Penstallic Pum Pump Typer Samples collect 03C141 EB101ME	p X   Su (ID PROD) ded by some me 61 A 1 1 E R 98	omersibin Pump ( E 2 GEOP thed as evacuation	OffenSpe IMPA 7 (r) Nispessly)	
Pump S Pump S routes of Pumping fume of water news if well go dry? — Y Wate	Start Timer Stop Timer oved N er Quality M	olm Tvan(s)) di Total	enal Numbers Water	YSI 556 HACH TUK Temp.	Penstalic Pum Pump Type Samples called 03C141	p X 1 Sur (EO PROD) ded by same ine bl A l TER 98 Sp. Cond.	omersibin Pump ( E 2 GEOP thed as evacuation 12000 IC Turbidity	OffenSpe JMPA 7 (*) N(specify) 1807	GRP
Pump S Pump S pump S putes of Pumping tume of water news f well go dry? Y Wate	Start Time Stop Time oved N er Quality M Pump Rate	olm Typo(s)) d Total Gallons	enal Numbers Water Level	YST 556 HALH TUR Temp. (Celclus)	Penstallic Pum Pump Type Samples collect 03C141 EB101ME	p X   Sur (EO PROD) ded by same ine of A I TER 98 Sp. Cond. (mS/cm)	binersible Pump ( E 2 GEOP  thed as evacuation  12000 IC  Turbldity  (NTU)	OfficerSpe J MP 2 7 (v) N(specify) 1807 00 (mg/l)	GRP (mV)
Pump S Pump S nutes of Pumping fume of water news if well go dry? Y Wate	Start Timer Stop Timer oved N er Quality M Pump Rate L/min.)	olm Tvan(s)) di Total	enal Numbers Water	YSI 556 HACH TUK Temp.	Penstallic Pum Pump Typer Samples collect 03C141 EB101ME	p X 1 Sur (EO PROD) ded by same ine bl A l TER 98 Sp. Cond.	binersibin Pump ( E 2 GEOP  thed as evacuation  12 DOC I  Turbidity  (NTU)  [10% or 1 NTU]*	OffenSpe JMPA 7 (*) N(specify) 1807	GRP
Pump S Pump S inutes of Pumping fume of water name it well go dry? Y Wate  Time	Start Time Stop Time oved N er Quality M Pump Rate	olm Typo(s)) di Total Gallons Removed	enal Numbers Water Level	YST 556 HALH TUR Temp. (Celclus)	Penstallic Pain Painip Type Samples collect  03C141  EB101 ME pH  [0.1 anits]*	p X   Sur (EO PROD) ded by same ine of A I TER 98 Sp. Cond. (mS/cm)	binersible Pump ( E 2 GEOP thed as evacuation  12000 IC Turbidity (NTU) [10% or 1 NTU]*	OfficerSpe J MP 2 7 (v) N(specify) 1807 00 (mg/l)	GRP (mV)
Pump S Pump S Pump S routes of Pumping fume of water const i well go dry? Y Wate  Time [I	Start Timer Stop Timer oved N er Quality M Pump Rate L/min.)	olm Typo(s)) di Total Gallons Removed	Water Level (ff TIC)	YSI 556 HACH TUK Temp. (Ceiclus)  3% *	Penstallic Pam Pamin Type Samples collect  0.5C   4   18   D1 ME pH	p X   Sure me    Sure me	binersible Pump ( E 2 GEOP  thed as evacuation  12000 IC  Turbldity  (NTU)  10% or 1 NTU]*  6 B  34	OfficerSpe J MP 2 7 (v) N(specify) 7 (v) N(specify) 00 (mg/l) (10% or 0.1 mg/l)	GRP (mV) [t0 mV]*
Pump S Pump S pump S pump of Pumpaq fume of water come f well go dry? — Y  Wate  Time — [I]  1:24 — C.  1:35 — C.	Start Timer Stop Timer oved N er Quality M Pump Rate L/min.)	olm Typo(s)) di Total Gallons Removed	Water Lovel (ff TIC)	YST 556 HALH TUR Temp. (Celclus)	Penstallic Pain Paint Type Samples collect  03C/44  EBIDIME pH  [0.1 anits]*	p X   Sur (EO P209) ded by same me of A I TEX 98 Sp. Cond. (mS/cm) [3%]	binersible Pump ( E 2 GEOP thed as evacuation  12000 IC Turbldity (NTU) (10% or 1 NTU)* 6 B 34- 29	OfficerSpe J MP 2 7 (v) N(specify) 1807 00 (mg/l)	GRP (mV)
Pump S Pump S Pump S Pump S Pump of	Start Timer Stop Timer oved N Pump Rate L/min:) 150 150	olm Typo(s)) di Total Gallons Removed	Water Level (ff TIC) (s, O.(s)	YSI 556 HACH TUK Temp. (Ceiclus)  3% *	Penstallic Pam Pamp Typer Samples collect  OSC 141  EST DI ME pH  [0.1 anits]*	p X   Sur (ED PROP) ded by same me of A I TEX 98 Sp. Cond. (mStem) [3%]	binerable Pump ( E 2 GEOP thed as evacuation  12 000 IC Turbidity (NTU) (10% or 1 NTU) 66 34 29 25	OfficerSpe J MP 2 7 (v) N(specify) 7 (v) N(specify) 00 (mg/l) (10% or 0.1 mg/l)	ORP (mv) (10 mv)*
Pump S Pump S Pump S rutes of Pumping tume of water runs f well go dry? — Y  Wate  Time — [1 1:24 — 0. 1:35 — 0. 1:45 — 0.	Start Timer Stop Timer over Quality M Pump Rate L/min;) 150 , 150 150	Total Gallons Removed  C. 436  O. 634	Water Level (ff TIG) 6,06 6,06 6,06 6,06	VST 556 HACH TUR Temp. (Ceiclus)  3% *	Penstallic Pain Paint Type Samples collect  03C/44  EBIDIME pH  [0.1 anits]*	p X   Sure me  (EO PROP)  ded by same me  of A    FR 98  Sp. Cond.  (mStem)  [3%]	binersible Pump ( E 2 GEOP thed as evacuation  12000 IC Turbldity (NTU) (10% or 1 NTU)* 6 B 34- 29	OtherSpe JMP2 V Nispecity)  DO (mg/l)  (10% or 0.1 mg/l)	GRP (mV) [t0 mV]*
Pump S Pump S Pump S pulse of Pumping ume of water rows well go dry? Y  Wate  Time [1 1:24 C. 1:35 C. 1:45 C. 1:45 C.	Start Timer Stop Timer over Quality M Pump Rate L/min.) 150 150 150 125 125	Total Gallons Removed C. 436 D. 634 c.199 0.964	Water Level (ff TIG) 6,06 6,06 6,06 6,06	YST 556 HACH TUR Temp. (Calclus)  3% ' - - 12,28 12,20	Penstallic Pam Pamin Type Samples collect  03C141 PB-101ME pH  10 1 anits]*	p X   Sure me (FO P200) and by same me of A   TEX 98 Sp. Cond. (mStem)   [3%]	binerable Pump ( E 2 GEOP thed as evacuation  12 000 IC Turbidity (NTU) (10% or 1 NTU) 66 34 29 25 36 316	OfficerSpe V MPA V N(specify) V N(specify) DO (mg/l) (10% or 0 1 mg/l) 1.86 0.36	GRP (nrV) (10 mV)* -5-2.7 -60.4 -63.2
Pump S Pump S Pump S sules of Pumping ume of vister room well go dry? — Y  Wate  Time — [1 1:24 — C, 1:35 — C, 1:40 — C, 1:50 — C, 1:50 — C, 1:56 — O,	Start Timer Stop Timer oved N Pump Rate L/min.) 150 150 125 125	Total Gallens Removed C. 436 O. 634 0.199 0.964 J. 096	Water Level (ff TIC) 6,06 6,06 6,06 6,06 6,06 6,06	YST 556 HACH TUR Temp. (Ceiclus)  3% ' - - 12.28 12.20 12.16 13.13	Penstallic Pam Pamin Type Samples collect  03C141 2B1D1ME pH  10 1 anits]*  6.346 6.58 6.66	p X   Sure me (40 P209) and by same me (b) A   TEX 98 Sp. Cond. (mS/cm)   [3%]	binersible Pump ( E 2 GEOP thed as evacuation  12 000 IC Turbidity (NTU) (10% or 1 NTU) 68 34 29 25 36	OtherSpe J MP2 J Mpacaly)  N(specaly)  DO (mg/l)  (10% or 0.1 mg/l)  1.86  0.36  0.34  0.29	GRP (n1V) (10 mV)*
Pump S Pump S Pump S sules of Pumping ume of valer reiss well go dry? Y  Wate  Time   [1 1:34   C. 1:35   C. 1:45   C. 1:50   C. 1:50   C. 1:50   C.	Pump Rate L/min;) 150 150 125 125 100	Total Gallens Removed C. 436 O. 634 C.199 0.964 J.096 1,225	Water Lovel (# TIC) 6, 06 5,06 6,06 6,06 6,06 6,06 6,05	YST 556 HACH TUR Temp. (Calclus)  3% ' - - 12.28 12.20 12.16 12.13 12.12	Penstallic Pam Pamin Type Samples collect  03C141 PB-101ME pH  10 1 anits]*	P X   Sure me (40 P209)  and by same me (b) A    IER 98  Sp. Cond. (mS/cm)   [3%]  - C. 66 8  0.677  0.679  0.679	binersible Pump ( E 2 GEOP thed as evacuation  12 000 IC Turbidity (NTU) (10% or 1 NTU) 68 34 29 25 36	OtherSpe V MP2  7 (V) N(specify)  7 (V) N(specify)  10% or 0 1 mg/l)  1.86  0.36  0.34  0.39  0.33	GRP (ntV) (10 mV)*  -5 2.7 -60,4 -63.2 -64.2 -63.2
Pump S Pump S Pump S rules of Pumping time of water runs ( wall go dry 2 - 7  Wate  Time   [1 1:24   C. 1:35   C. 1:45   C. 1:56   D. 2:00   C. 2:05   O.	Pump Rate L/min.) 150 150 150 125 125 100	Total Gallens Removed  C. 436 0. 634 0.199 0.964 1.096 1.225 1.360	Water Lovel (# TIC) 6, 06 5,06 6,06 6,06 6,06 6,06 6,05 6,05	YST 556 HACH TUR Temp. (Calcius)  3% ' - - 12.28  12.16  12.16  12.13  12.12	Penstallic Pam Pamin Type Samples collect  03C141 PB-101ME pH   0.1 anits *	D X   Sure me control   Sure   Sure	binersubin Pump ( E 2 GEOP thed as evacuation  12 COO I  Turbldity (NTU) (10% or 1 NTU) (66 34 29 25 36 16	OtherSpe V MP2  7 ( ) N(specify)  7 ( ) N(specify)  10% or 0 1 mg/l)  1.8 (c)  0.36  0.34  0.39  0.33	GRP [niV) [10 mV]* -5 2,7 -60,4 -64.2 -64.2 -64.2
Pump S Pu	Pump Rate L/min; 150 150 125 125 126 100 100 100	Total Gallens Removed C. 436 O. 634 C.199 0.964 J.096 J.226 J.360 J.492	Water Lovel (# TIG) 6, 06 6,06 6,06 6,06 6,06 6,05 6,05 6,05	YST 556 HACH TUR Temp. (Calclus)  3% ' - - 12.28  12.16  12.13  12.12  12.15  13.22	Penstallic Pam Pamin Type Samples collect 03C/44 18101ME pH  101 anits)*	P X   Sure me (40 P209)  and by same me (b) A    IER 98  Sp. Cond.  (mS/cm)  [3%]  -  0. 669  0. 677  0. 679  0. 679  0. 679  0. 679	binersible Pump ( E 2 GEOP thed as evacuation  12 000 I  Turbidity (NTU) (10% or 1 NTU) 66 34 29 25 36 31 10 10	OtherSpe V MP2  7 ( ) N(specify)  7 ( ) N(specify)  10% or 0 t night  1.86  0.36  0.34  0.39  0.33	GRP (mV) [10.mV]* -5.2.7 -60.4 -63.2 -64.2 -64.2
Pump S Pump S Pump S routes of Primping fume at water name I well go dry? — Y  Wate  Time — [1 1:24 — C. 1:35 — C. 1:45 — C. 1:56 — O. 0:05 — O. 1:2:10 — O. 2:15 — D.	Pump Rate L/min.) 150 125 125 126100100100	Total Gallens Removed C. 436 O. 634 C.199 0.964 J.096 J.226 J.360 J.492 J.647	Water Lovel (ft TIG) 6, 06 6,06 6,06 6,06 6,06 6,05 6,05 6,05 6,	YST 556 HACH TUR Temp. (Ceiclus)  3% " 	Penstallic Pam Pamin Type Samples collect  O.C.   4   B.D.D.ME pH   0.1 anits *	D X   Sure me continue of A   TEX 98   Sp. Cond. (mS/cm)   [3%]	binersubin Pump ( E 2 GEOP thed as evacuation  12 COO I  Turbldity (NTU) (10% or 1 NTU) (66 34 29 25 36 16	OtherSpe V MP 2  V MP 2  V Mp Nispectly)  DO (mg/l) (10% or 0 1 mg/l)  1.86  0.36  0.34  0.39  0.33  0.31  0.30  0.30	GRP (mV) (10 mV)* -52.7 -60.4 -63.2 -64.2 -64.0
Pump S Pump S Pump S routes of Pumping fume at water news I well go dry? Y  Wate  Time   II  I : 24   C.  I : 35   C.  I : 40   C.  I : 56   O.  I : 56   O.  I : 50   C.  I :	Pump Rate L/min; 150 150 125 125 126 100 100 100	Total Gallens Removed C. 436 O. 634 C.199 0.964 J.096 J.226 J.360 J.492	Water Lovel (# TIG) 6, 06 6,06 6,06 6,06 6,06 6,05 6,05 6,05	YST 556 HACH TUR Temp. (Calclus)  3% ' - - 12.28  12.16  12.13  12.12  12.15  13.22	Penstallic Pam Pamin Type Samples collect 03C/44 18101ME pH  101 anits)*	P X   Sure me (40 P209)  and by same me (b) A    IER 98  Sp. Cond.  (mS/cm)  [3%]  -  0. 669  0. 677  0. 679  0. 679  0. 679  0. 679	binersible Pump ( E 2 GEOP thed as evacuation  12 000 I  Turbidity (NTU) (10% or 1 NTU) 66 34 29 25 36 31 10 10	OtherSpe V MP2  7 ( ) N(specify)  7 ( ) N(specify)  10% or 0 t night  1.86  0.36  0.34  0.39  0.33	GRP [niV] [10 mV]* -5 2,7 -60,4 -63,2 -64,2 -64,6

Length of Water Column Volume of Water in Well Z, 5,600 Intake Depth of pumpfubing Intake Depth of pum	PID Backgrour Well Headspace Well Headspace VELL INFORMATIO! Reference Point Height of Refere Water Ta Water Ta Water Ta Length of Water Volume of Water Intake Depth of pur Intake Depth	in the Marked?  ence Point and Diameter provid Oepth and Depth and Depth and Depth are Column after in Well amp/tubing artification:  VC) costing protection) or Surface  N  CRMATION Start Time Stop Time	2 17th 7.1-17.1 6.06' 21.37' 15.31' 2.560 12' 12' 12' 12:54 90 2:560	Meas From Meas From Meas From Meas From Meas From	GROUND GROUN TIC TIC	Date Weather  D  Evacuation Me Pensantic Pum Pump Type Samples collect  O  O	MERC MERC Sultanta ment SC1461	Sample Time Sample ID Duolicate ID MS/MSD Solit Sample ID VOCs VOCs SV PCBs PCBs PCBs PCBs PCBs PCBs PCBs PCBs	Parameters. (Gid. list) (Exc. list) (OCs (Total) Dissolved) org. (Total) (Dissolved) s:PCOEs (Hent) Michael EREDAND LIERED and 1 1 Other/Spec	Collected
Weather   PARTY SUNNY   WINDY   50 -55	Well Headspace  Well Reference Point Height of Refere Well Screen Inter Water Tal  Length of Wate Volume of Wat Intake Depth of pur Intake Depth of pur Intake Depth of Inner (PV OC. Top of Inner (PV OC. Top of Soller (pr Interest Screen) Interest Screen Interest Interest Screen  Water Tal  Water Tal  Volume of Water Point Identification Into Top of Inner (PV OC. Top of Soller (pr Interest Screen) Interest Screen Interest Scree	in the Marked?  ence Point and Diameter provid Oepth and Depth and Depth and Depth are Column after in Well amp/tubing artification:  VC) costing protection) or Surface  N  CRMATION Start Time Stop Time	2 17th 7.1-17.1 6.06' 21.37' 15.31' 2.560 12' 12' 12' 12:54 90 2:560	Meas From Meas From Meas From Meas From Meas From	GROUN TIC TIC	Weather  D  Evacuation Me Pensantic Pum Pump Type Samples collect  O  O	MERC MERC Sultanta ment SC1461	Sample Time Sample ID Duolicate ID MS/MSD Solit Sample ID VOCs VOCs SV PCBs PCBs PCBs PCBs PCBs PCBs PCBs PCBs	Parameters. (Gid. list) (Exc. list) (OCs (Total) Dissolved) org. (Total) (Dissolved) s:PCOEs (Hent) Michael EREDAND LIERED and 1 1 Other/Spec	Collected
Reference Point Marked?   Sample Time   12 45	Reference Point Height of Refere Weil Screen Inter Water Tal W Length of Wate Volume of Wat Intake Depth of pur Information (PV OC. Top of Inner (PV OC. Top of Inner (PV OC. Top of Soller (pr Indevelop? Y Intervelop S. Ground Indevelop? Y Intervelop S. Ground I	at Marked? ence Point il Diameter inval Gepth able Gepth vell Depth iter Column der in Well imp/tubing ittification: VCI casing protective) o il Surface  N CRMATION Stat Time Stop Time	2 17th 7.1-17.1 6.06' 21.37' 15.31' 2.560 12' 12' 12' 12:54 90 2:560	Meas From Meas From Meas From Meas From Meas From	GROUN TIC TIC	Evacuation Me Pensantic Puri Purity Type Sumplies collect	MERC MERC Sultanta ment SC1461	Sample Time Sample ID Dublicate ID MS/ASD Split Sample ID  Ansiylicat I VOCs (	Parameters. (Gid. list) (Exc. list) (OCs (Total) Dissolved) org. (Total) (Dissolved) s:PCOEs (Hent) Michael EREDAND LIERED and 1 1 Other/Spec	Collected ( ) ( ; ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )
Reference Point Marked?   3   1	Reference Point Height of Refere West Screen Inter Water Tal Water Tal Length of Wate Volume of Wat Intake Depth of pur seference Point Ident IC Top of Inner (PV OC. Top of Solter (pur redewBGS, Ground edevelop? Y VACUATION INFORM Pump S Pump S Pump S Aututes of Pump and olume of water comp in, well go day?  Water  Time  IL ID: 34 0 1 ID: 33 0 1 ID: 347 0 1	at Marked? ence Point al Diameter aval Gepth able Gepth ber Column ater in Well amp/tubing attification: VC1 casing protective) or a Surface N CRMATION Start Time Stop Time	2 17th 7.1-17.1 6.06' 21.37' 15.31' 2.560 12' 12' 12' 12:54 90 2:560	Meas From Meas From Meas From Meas From Meas From	GROUN TIC TIC	Evacuation Me Prenstatic Pum Pump Type Samples collect	MERC MERC Sultanta ment SC1461	Sample ID Duplicate ID MS/MSD Split Sample ID VOCs ( VOCs	Parameters: (Sid. fist) (Exc. fist) OCs (Total) Dissolved) org. (Total) (Classolved) s:PCDFs (Hent) Miteria.chea Specify EREDAND ATERED amp. 1 1 0ther/Spec	Callected ( ) ( ; ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )
Height of Reference Point   3   1	Height of Refere Weil Screen Inter Water Tal Water Tal Water Tal Water Tal Volume of Wate Volume of Water Volume of Water Intake Depth of pur placence Point Ident IC Top of Inner (PV OC. Top of Solter (pr nace/BGS, Ground edevelop? Y  VACUATION INFOI Pump S Pump S Pump S functes of Pump ng olume of water corp ir, well go dry?  Water  Time  IL ID: 34 0 1 ID: 347 0 1 ID: 347 0 1 III IIII IIIIIIIIIIIIIIIIIIIIIIIIII	ence Point il Diameter inval Gepth vell Gepth vell Gepth iver Column ster in Well ump/tubing ittification: VC) casing protective) c il Surface  N  CRMATION Start Time Stop Time	2 17th 7.1-17.1 6.06' 21.37' 15.31' 2.560 12' 12' 12' 12:54 90 2:560	Meas From Meas From Meas From Meas From Meas From	GROUN TIC TIC	Evacuation Me Prenstatic Pum Pump Type Samples collect	MERC MERC Sultanta ment SC1461	Duplicate IO  MS/MSD  Split Sample ID  Analytical II  VOCs (  VOCs (  VOCs (  PCBs (C)  PCBs (C)  Metalsifning  PCDOs  Post  Natural A  Other  UEV - FILT  UNIT  Bladder Pulanorable Plane (  MP 2  Itself as evertalium	Parameters: (Sid. 4st) (Exp. 1st) OCs (Total) Dissolved) org. (Total) (Classolved) s:PCOFs (Hent) Miterinution Specify LTERED amp. 1 1 0ther/Spec	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Well Diameter   Diabet   Screen Interval Oepth   7 1 - 17.1   Meas From   Water Table Oepth   0.006   Meas From   TC   Required   Analytical Parameters:   Collect   VCCs (Etal itst)	Weil Screen Inter Water Ta W Length of Wate Volume of Wat Intake Depth of pur aforence Point Ident C. Top of Inner (PV OC. Top of Sitter (pr mode/EGS. Ground edovelop? Y VACUATION INFOI Pump S Pump S Fruites of Pump ng plume of water (pr y Wate Time IL ID: 24 0 1 ID: 33 0 1 ID: 347 0 1	il Diameter inval Oepth able Oepth Nell Depth ler Column ster in Well ump/tubing stiffication: VC) casing protective) c il Surface N CRMATION Stat Timo Stop Timo	2 17th 7.1-17.1 6.06' 21.37' 15.31' 2.560 12' 12' 12' 12:54 90 2:560	Meas From Meas From Meas From Meas From Meas From	GROUN TIC TIC	Evacuation Me Prenstatic Pum Pump Type Samples collect	MERC MERC Sultanta ment SC1461	MS/MSD Split Sample ID  Analytical I VOCs ( VOCs SV PCBs PCBs ID Metalsizing PCDOs Pest Natural A City I Bladder Pu pamorable Plant ( IMP 2 Ibut as evertalien	(Sid. list) (Exp list) OCs (Total) Dissolved) org. (Total) p (Classilved) stPCOEs tHarth Miteria.dea Specify EREDAND INTERED INTERED INTERED	
Screen Interval Depth   1-17.   Meas. From   GLOUND   Split Sample ID	Screen Inter  Water Tal  Water Tal  Length of Water Volume of Water Volume of Water Volume of Maria Intake Depth of pur Intake Depth of pur Intake Depth of Inner (PV Interest Point Ident C. Top of Inner (PV IC) Top of Inner (IC)	erval Gepth able Gepth Neil Depth Veil Depth Iver Column ster in Well ump/tubing stiffication: VC) casing protective) c is Surface N CRMATION State Time Stop Time	11:24 12:54 90 2:55a	Meas, From Meas, From Meas, From Meas, From	TIC TIC	Evacuation Me Prenstatic Pum Pump Type Samples collect	MERC MERC Sultanta ment SC1461	Analytical II VOCs ( VOCs ( VOCs SV PCBs PCBs (C) Metalsizing PCDOs Pest Natural A Cities UEV - FILT UEV - FILT I Bladder Pu panerable Plane ( IMP 2 Itself as evertalien	(Sid. list) (Exp list) OCs (Total) Dissolved) org. (Total) p (Classilved) stPCOEs tHarth Miteria.dea Specify EREDAND INTERED INTERED INTERED	
Water Table Depth   0.06   Meas. From   TIC   Required   Anslytical Parameters:   Catigot   Water Column   15.31   Meas. From   TIC   Required   Anslytical Parameters:   Catigot   Water Column   15.31   Meas. From   17.00   Meas. From   1	Water Ta  W Length of Water Volume of Water Volume of Water Volume Point Ident C Top of Inner (PV C Top of Other (pr ade/EGS, Ground Indevelop? Y  VACUATION INFOI Primp S Primp S Insules of Primp ng plume of water (prip) Investigated by Time  IL ID: 29 0 1 ID: 387 0 1	able Cepth Nell Depth ler Calumn	11:24 12:54 12:55a 12:54 12:54	Meas From  Meas From  Meas From	TIC TIC	Evacuation Me Prenstatic Pum Pump Type Samples collect	MERC MERC Sultanta ment SC1461	Ansiylica i VOCs ( VOCs ( VOCs ( VOCs   FCBs   FCBs   FCBs   Metalsizing PCD0s Pest Natural A Cities UEV - FILT UNIT I Bladfor Pu panorable Plant ( IMP 2 Ibud as evertalien	(Sid. list) (Exp list) OCs (Total) Dissolved) org. (Total) p (Classilved) stPCOEs tHarth Miteria.dea Specify EREDAND INTERED INTERED INTERED	
Veli Depth   21 37   Meas From   17C   Required   Ansylicis Parameters   Cotiset   Length of Water Column   15 31   VCCs (Giad, list)   (	Length of Water Volume of Water Volume of Water Volume of Water Intake Depth of pur Intake Depth of Intake	Well Depth ler Column ster in Well ump/lubing shiftention: VC) cosing protection) c. i Surface  N  CRMATION Stat Time Stop Time	21.37' 15.31' 2.590 12' 12' 12:54 90 2:59a	Meas From Meas From	TIC TIC	Penstatic Pum Pump Type Samples calles	MERC MERC Sultanta ment SC1461	VOCs ( VOCs ( VOCs SV PCBs SV PCBs (C) Metalsdring PCDOs Post Natural A Cities ( VEY - FILT) ( Bladder Pulanorable Plane ( IMP 2 Itself as evertalien	(Sid. list) (Exp list) OCs (Total) Dissolved) org. (Total) p (Classilved) stPCOEs tHarth Miteria.dea Specify EREDAND INTERED INTERED INTERED	
Length of Water Column	Length of Water Volume of Water Volume of Water Intake Depth of pure let rene Point Ident C. Top of Inner (PV OC. Top of Gitter (pr newEGS. Ground Property of Pump 7 Pump 5 Pump 5 Pump 6 Pump 6 Pump 10 Pump	ter Calumn ter in Well ump/lubing hipcation: VC) casing protection) c is Surface N CRMATION Statt Time Stop Time	15.31° 2.59a 12° 12° 12°154 90 2°55a	Q Meas From	TIC TIC YST 55	Penstatic Pum Pump Type Samples calles	MERC MERC Sultanta ment SC1461	VOCs ( VOCs ( VOCs SV PCBs SV PCBs (C) Metalsdring PCDOs Post Natural A Cities ( VEY - FILT) ( Bladder Pulanorable Plane ( IMP 2 Itself as evertalien	(Sid. list) (Exp list) OCs (Total) Dissolved) org. (Total) p (Classilved) stPCOEs tHarth Miteria.dea Specify EREDAND INTERED INTERED INTERED	
Volume of Water in Well   2.5 Go   Volume   Vo	Volume of Wat Intake Depth of pur Intake Depth of pur Interence Point Ident C. Top of Inner (PV DC. Top of Cutter (pr neceEGS. Ground Interest of Pump 5 Insules of Pump 5 Insules of Pump in Interest of Pump	ster in Well ump/tubing ump/tubing ump/tubing ump/tubing volection) costing protection) cost Surface  N  CRMATION Start Time Stop Time	2.55a 12.54 12.54 90 2.55a	Į.	TIC	Penstatic Pum Pump Type Samples calles	SCI461	VOCs SV PCBs PCBs  C Metalsdrid Metalsdrid PCDOs Post Natural A Other URY - FILT UNF 1 Bladder Pu panorable Plane	(Exp 1st) OCs (Total) Dissolved) org. (Total) org. (Total	( ) ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;
SVOCs   PCBs (Total)	Intake Depth of pur plorence Point Ident C. Top of Inner (PV DC. Top of Setter (pr cacceEGS, Ground edovetop? Y VACHATION INFOT Pump 5 houses of Pump ng plume of water roles in well go day?  Write  Time  [L] 12:33 0.1	ump/tubing_ utilication: VC) casing protection) c. I Surface N CRMATION Statt Time Stop Time	12:24 12:54 90 2:55a	Į.	TIC	Penstatic Pum Pump Type Samples calles	SCI461	SV PCBs (C) PCBs (C) Metalsiding PCDOs Post Natural A Office URY - FILT UNF 1 Blackfor Pu pamorable Plane (	OCs (Total) Dissolved) org. (Total) p. (Cissolved) s:PCDEs titlenth Miteria.dical Specialty EREDAND LIERED Intri     Other/Spec	( ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;
PCBs (Total)   PCBs (Total)   PCBs (Total)   PCBs (Dissolved)   PCBps (PCDFs (Dissolved)   PCBps (PCBps (PCBps (Dissolved)   PCBps (PCBps (	derence Point Ident C Top of Inner (PV C Top of Sylver (pr ade/BGS, Ground develop? Y VACUATION INFOT Pump 5 Pump 5 Pump 5 Pump 6 Pump 6 Water roley Write  Time  [1] [2:39 0:4 ] [3:38 7 0:4	ntification: VC) cosing protective) cost Surface N CRMATION Statt Time Stop Time	11:24 12:54 90 2:55a	<u>_</u>	YST 55	Penstatic Pum Pump Type Samples calles	SCI461	PCBs (Control of the Control of the	(Total) Dissolved) Org. (Total) Org. (Total) OCCUPATION	f
PCBs (Dissolved)   PCBs (Dissolved)	C Top of Inner (PV) C Top of Cutter (pr) address of Secure 1  Fump 5  Fump 5  Incutes of Pump and Jume of water receiver, well go day?  Time  [1] [1] [2] [3] [5] [6] [7] [8] [7] [8] [9] [9] [9] [9] [9] [9] [9] [9] [9] [9	VCI cosing protective) of Surface  N  CRMATION State Time Stop Time	11:24 12:54 90 2:55a	Q. Senal Numbers	YST 55	Penstatic Pum Pump Type Samples calles	SCI461	PCBs (C Metalstrin Metalschning PCB0s Post Natural A Other URY - FILT UNF (Blackfor Pu Jamoratise Primp ) IMP 2 Itself as evertalium	Dissolved)  org. (Total)  (Classolved)  stPCOFs  titlent  titlent  Specially  FREDAYO  TEREO  into 1  Other/Spec	( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )
C Top of finner (PVC) casing	C Top of Inner (PV) C Top of Cuter (pr) C Time  [1] [1] [2] [3] [4] [7] [5] [6] [7] [7] [7] [8] [8] [9] [9] [9] [9] [9] [9] [9] [9] [9] [9	VCI cosing protective) of Surface  N  CRMATION State Time Stop Time	11:24 12:54 90 2:55a	Q. Senal Numbers	YST 55	Penstatic Pum Pump Type Samples calles	SCI461	Metalsiftning PCDOs Pest Natural A Ottor UEY - FILT UNF 1 Blackfor Pu pamorable Pump 1 IMP 2 Itsel as evertalium	org. (Total) (Classolved) s:PCOFs titlent Specialty EREDANO TEREO amp. 1 1 (Other/Spec	t 1 t 2 t 3 t 4 t 4 t 5 t 7 t 7 t 7 t 7 t 7 t 7 t 7 t 7 t 7 t 7
Description   Control	OC. Top of cuter (produces CS. Ground indexes CS. Ground Pump S Pump S insules of Pump in indume of water rough, well go dry?  Time  [12:39 0:17]  [2:33 0:17]  [3:387 0:17]	protective) of Surface  N  DERMATION State Time Stop Time	11:24 12:54 90 2:55a	Q. Senal Numbers	YST 55	Penstatic Pum Pump Type Samples calles	SCI461	Metalschning PCD0s Pest National A Others URY - FILTE UNY Bootsfor Pe tamorable Prime ( IMP 2 Itself as evertalien	(Classificad) s:PCDFs tHerb Attenuation Specially EREDAND LIERED amp. 1 1 Other/Spec	( ) ( ) ( ) ( ) ( )
	Address Section of the section of th	N DRMATION Start Time Stop Time	11:24 12:54 90 2:55a	Q. Senal Numbers	YST 55	Penstatic Pum Pump Type Samples calles	SCI461	Metalschning PCD0s Pest National A Others URY - FILTE UNY Bootsfor Pe tamorable Prime ( IMP 2 Itself as evertalien	(Classificad) s:PCDFs tHerb Attenuation Specially EREDAND LIERED amp. 1 1 Other/Spec	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
PCDDs/PCDFs   PostHenth   Po	rdevelop? Y  VACUATION INFOR Pump 5 Pump 5 Pump 5 Pump 6 Pump 6 Pump 6 Pump 7  Write  Time  [L]  [2:33	N DRMATION Start Time Stop Time	11:24 12:54 90 2:55a	Q. Senal Numbers	YST 55	Penstatic Pum Pump Type Samples calles	SCI461	PCDDs Pest Natural A Other UEY - FILT 1 Bootsfor Pe tamorable Pump 1 IMP 2 Italias evertalium	EPCOFS  Herrich  Attention  Specially  EREDAND  LIERED  Imp. 1  Other/Spec	( ) vice
Peach   Pump   State   Typo(N   Sunal Numbers   Sumples called by same method as eventuation   Time   Pump   Total   Water   Temp.   Pump   Tem	VACUATION INFOR	N ORMATION Stat Time Stop Time Davied	11:24 12:54 90 2:55a ter Type(s)/S	L Genal Numbers	YST 55	Penstatic Pum Pump Type Samples calles	SCI461	Pest Natural A Other UEY - FILT UNY 1 Bootsfor Pe tamorable Pump 1 IMP 2 had as evertalion	Attention Specially FREDAND LIERED Amp 1 1 Other/Spec	
VACUATION INFORMATION   Pump Start Taxo   11:24   Pump Start Taxo   12:54   Evacuation Method   Bailor   Blackfor Pump   1   Other/Specify   VACUATION INFORMATION   Pump Start Taxo   12:54   Evacuation Method   Bailor   Blackfor Pump   1   Other/Specify   1   Pump Start Taxo   2:5560   Pump Type   Submortable Pamp   Other/Specify   1   Pump Type   Submortable Pamp   1   Other/Specify   1   Pump Type   Submortable Pamp   1   Pump Ty	VACUATION INFOR	STANTION Stant Time Stop Time gaved	11:24 12:54 90 2:55a ter Type(s)/S	L Genal Numbers	YST 55	Penstatic Pum Pump Type Samples calles	SCI461	Natural A  URY - FILTE  UNY  Bootster Pe  panerable Person    MP 2  But as evertalien	Specially Specia	( ) vtc
ACTIATION INFORMATION   Pump State Tame   11:24   Evacuation Method   Bailer     Blacker Pump   1	Wactiation information in pump 5 Pump 5 Pump 5 Pump 6 Pump	STANTION Stant Time Stop Time gaved	11:24 12:54 90 2:55a	Q. Ganal Numbers	YST 55	Penstatic Pum Pump Type Samples calles	SCI461	URY - FILTE UNF 1 Bonder Pe panerable Pemp 1 IMP 2 but as evertalien	Specify Specify Specify Other Specify	y ( )
Pump State Time   11 2 4     Evacuation Method   Bailer     Boarder Pump   1	Pump 5 Pump 5 Pump 5 Pump 7 Pu	Start Time Stop Time gaved	11:24 12:54 90 2:55a ter Type(s)/S	Q. Ganal Numbers	YST 55	Penstatic Pum Pump Type Samples calles	SCI461	URY - FILTE UNF 1 Bookfor Pu panorsable Prant   1MP 2 Itaal as evertailen	EREDANO ELTERED	ody ( )
Pump Stat Time	Pump 5 Pump 5 Pump 6 Pump 7 Pu	Start Time Stop Time gaved	11:24 12:54 90 2:55a ter Type(s)/S	Q Sonal Numbers	YST 55	Penstatic Pum Pump Type Samples calles	SCI461	UNF Bactor Po progratic Porto ( MP 2 that as evertation	omp ( ) ) Ofwer(Spec	city ( )
Pump Step Firm   12154	Pump S  Incutes of Pump ng  Journe of water come  r, well go dry7  Water  Time  [L]  [2:33 0.1]  [3:34 0.1]	Stop Timo gaved	12:54 90 2:55a oter Type(s)/S	e L Genal Numbers	YST 55	Penstatic Pum Pump Type Samples calles	GEOPU ched by samme real 3C1461	Bandor Pulangrable Plang   IMP 2 Institut os evaruation	omp ( ) ) Ofwer(Spec	ndy ( )
Pump   Total   Water   Tomp.   Ph.   Sp. Cond.   Turbidity   Do.   Calcius   Color	######################################	paved X N	12:54 90 2:55a oter Type(s)/S	Q. Genal Numbers	YST 55	Penstatic Pum Pump Type Samples calles	GEOPU ched by samme real 3C1461	imeratise Prime ( MP 2 Iteat is evernation	) Offen/Spec	ndy ( )
Sumples callected by same method as evamation / V N(specify)	Wuter   State   Stat	W (V)	905 5a. otur Typa(s)/S	Qualificanters	Y.ST 55	Pump Type Samples called	GEOPU cled by taling invi 3C14b11	me2 met as avarrantem		oly ( )
Samples callected by same methad as evariation / V N(specify)   VST 556 03C1461A1	Time   12:34 0.16	X (D)	2 15 5a uter Type(x) / S	Q. Genal Numbers	YST 55	Samples called	3C14611	Read as evanuation	/ (y N(spi,city)	
Winter Quality Water Type(s) / Senal Numbers   YST 556   03C1461A1   HACH TURBIDIMETER   4812 000 1986   Time   Pump   Total   Water   Tomp.   pH   Sp Cond.   Turbidity   DO   ORF   Rato   Gallons   Level   (Celclus)   (mS/cm)   (NTU)   (mg/l)   (mV   (L/min.)   Removed   (ft TIC)   [3%]   [0.1 mints]   [3%]   [10.25 or 1 NTU]   [10	Wite  Time  12: 24 0.0 12:33 0.1 12:38 0.0	.0	nter Type(s) / S	ienal Numbers	YST 55	0 0	3014611		/ (y) N(spi,isty)	
HACH TURBIDIMETER	Time IL 12:34 0.1	or Quality M	iter Type(s) / S	ienal Numbers	Y.ST 55			Α1		
HACH TURBIDIMETER	Time IL 12:34 0.0	er Quality M	iter Type(s) / S	Senal Numbers	Y. ST 50				2.1	
Pump   Total Water   Tomp.   pH   Sp Cond.   Turbidity   DO   ORF	12:24 0.1 12:33 0.1 12:33 0.1							70 407	200019	QAT
Time Rate Gallons Level (Celclus) (mS/cm) (NTU) (mg/l) (mV (L/min.) Ramoved (ft TIC) [3%]* [0.1 anits]* [3%]* [10% or 1 NTU]* [10% or 3 1 mg/l* [10 m/l]* [1	12:24 0.1 12:33 0.1 12:33 0.1				HACH		The state of the s			
(Lmin.)   Removed (ft TiC)   [3%]*   [0.1 sinits]*   [3%]*   [10% or 1 NTU]*   [10% or 3 NTU]*   [10 min.]   [12:39   0.100   1.994   0.05   12.46   6.80   0.674   9   0.32   -67   12:33   0.100   2.100   6.05   12.43   6.80   0.674   9   0.32   -67   12.387   0.100   2.206   6.05   12.35   6.80   0.674   9   0.30   -67   12.31   0.100   2.312   0.100   2.312   0.04   12.31   6.81   0.611   7   0.30   -67   12.31   0.30   -67   12.31   0.81   0.611   7   0.30   -67   12.31   0.81   0.611   7   0.30   -67   12.31   0.81   0.611   7   0.30   -67   12.31   0.81	12:33 0. 12:33 0.	Pump	Total	Water	THE THEORY STATES OF	pH			E contillion I	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	12:39 0.12:33 0.	Rate	Gallons	Lavel	(Celclus)				[ ]	
2:33 0.100 2.00 6.05 12.43 6.60 0.674 9 0.32 -67 2:33 0.100 2.206 6.05 12.35 6.80 0.674 9 0.32 -67 3:41 0.100 2.312 6.04 12.31 6.81 0.671 7 0.30 -67	$\frac{2.33}{2.347} = 0.$	L/min.)		(ft TIC)	[3%]*	(0.1 units)*	1354	Action of the last		[lūmv]*
2 367 0.100 2206 6.05 12.35 6.80 0.672 8 0.30 -67 3:41 0:100 2.312 6.04 12.31 6.81 0.671 7 0.30 -67	3:347 0.	100	1.994	6.05	12.46	6.50	0,674	4	0.32	-672
3:41 0:100 2:312 4:04 12:31 6:81 0:671 7 0:30 -67		100	2.100	6.05	12,43	6.80	0.674	9	0.32	- 107.
3:41 0:100 2:312 4:04 12:31 6:81 0:671 7 0:30 -67					12.35	10.80	0,672	8	0.30	- 67.9
								7	0.30	- 67.
12:41 0.100 2.110 0.01 12.30 0.17 0.01				The state of the s				R		-
	12.47 0.1	100	AITI D	0101	12130	0.31	01011		0.31	61.
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		100	2,312	6.05	12.35	6.80	0.672	8	0.30	
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					ecutive readings o	collected at 3- to	o o-minute interva	is) is listed in caun	column nesuing	
	BSERVATIONS/S/	AMPLING I	METHOD DEVI	IATIONS						
The stabilization onlens for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading asservations/SAMPLING METHOD DEVIATIONS										
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BSERVATIONS/SAMPLING METHOD DEVIATIONS										
BSERVATIONS/SAMPLING METHOD DEVIATIONS  SAMPLE DESTINATION		12.3								21
BSERVATIONS/SAMPLING METHOD DEVIATIONS  SAMPLE DESTINATION	Delivered Via: L				_					1-
SAMPLE DESTINATION  Laboratory: 5 G 5  Delivered Via: 4 P J	Airbill #:					State Complie	ng Coordinator:	1	na year	

F	ey No.	kground (ppm)			Samp	ling Personnel	- KLB	SFIELD		
	ID Bac	karnund (nom)								
,	100 0000	varoung (bbttt)	U			Date	10/17	102		
	Well He	adspace (ppm)	0		_	Weather		45-50	• E	
		NOITAN	$\circ$					Sample Time	11:35	
		e Point Marked?	100					Sample ID	Control of the second	76
H	eight of	Reference Point	- 0.2'	Meas. From	GLOUND			Duplicate ID	N-727-0	15
		Well Diameter			deadie					
	Scree		8,4-184	Meas From	BGS			MS/MSD		
		ater Table Depth	Acres 100 and	Meas. From	TIC.	-		Split Sample ID		
		Well Depth	A Company of the Comp		TIC	-	94000000000			
1	anoth c	of Water Column	The state of the s	Meas. From	110	_	Required	Analytical	Parameters:	Collected
				Ī2 a a			( )	VOCs	(Std. list)	( )
		of Water in Well			13.55527		( )	VOCs	(Exp.list)	( )
mas	ce Depti	n of pump/tubing		Meas. From	TC_	_	( )	SI	VOCs	( )
			14-0'				3 X	PCB:	s (Total)	( )
Referen	oce Poir	it Identification;					( )	PCBs (	Dissolved)	( )
TIC: To	op of Inr	ner (PVC) casing	1				( )		norg. (Total)	( )
TOC: T	rap of a	uter (protective)	casing				1 1		g. (Dissolved)	1 4
Grade/E	BGS: G	round Surface	575				9 9		s/PCDFs	2. 7
							0.0		st/Herb	5 2
Redeve	lop?	Y (N.)					3 5			( )
	Mark III	-					1		Attenuation	( )
EVACU	ATION	INFORMATION					( × )	Other	(Specify)	(X)
		ump Start Time	10:15	10:25		MED	(110 U. FI	ITERED A	IN WHIF	ITELEÍ
	100	muh 2/9ur Huile								ICI CIGCI
			1 1 + 1 - 2			Evacuation Me	thod: Bailer (	) Bladder P	uma V	
7.52 = 35	P	ump Stop Time	11:50	42 17						
	P s of Pun	nping	85			Peristaltic Pum	ıp() Si	bmersible Pump. (	) Other/Spo	ecify ( )
Volume	P s of Pun of wate	nping r removed	95 3,240	jal.		Peristaltic Pum Pump Type:	p() Si MHKSC	ibmersible Pump (	) Other/Spo	ecify ( )
	P s of Pun of wate	nping r removed	85	jal.		Peristaltic Pum Pump Type:	p() Si MHKSC	bmersible Pump. (	) Other/Spo	CONTROL OF
Volume	P s of Pun of wate	nping r removed P Y N	85	,	<u>VSI 55</u>	Peristaltic Pum Pump Type: Samples collect	P() Su MHKSC ated by same me	the state of the s	Other/Spr	Contacto ec
Volume	P s of Pun of wate	nping r removed P Y N Water Quality N	\$5 \$.24 c	erial Numbers:	HACH T	Peristaltic Pum Pump Type: Samples collect 5 LP 03C URB D M	P() Su MHKSC ited by same me 1461 FIEIC	athor as evacuation	Other/Spo (Tray) I (Tray) N(specify)	
Volume Did well	P s of Pur of wate I go dry	nping or removed or Y N  Water Quality N	95 3,24 c	erial Numbers:	Temp.	Peristaltic Pum Pump Type: Samples collect	P() St MHKSC ated by same me 1461 ETEIC Sp. Cond.	athersible Pump ( AALK S /  athod as evacuation  A   O 2 O 2 CCC  Turbidity	Other/Spo (Tray I 17 y) N(specify 025376 DO	ORP
Volume	P s of Pur of wate I go dry	water Quality N	95 3,24 0 Meter Type(s) / S Total Gallons	erial Numbers: Water Level	Temp. (Celcius)	Peristattic Pum Pump Type: Samples collect  CREDIM	P() So MHKSC ted by same me 1461 ETEIC Sp. Cond. (mS/cm)	Athor as evacuation  Turbidity (NTU)	) Other/Spc (Tray) I 17 Y N(specify DO (mg/l)	ORP (mV)
Volume Did well	s of Pur of wate go dry	water Quality N Pump Rate (L/min.)	95 3,24 c	erial Numbers:  Water Level (ft TIC)	Temp. (Celcius) [3%]*	Peristattic Pum Pump Type: Samples collect  CIRRIDIM  pH  [0.1 units]*	P() So MHKSC ted by same me 1461 ETEIC Sp. Cond. (mS/cm) [3%]*	A Land September 1997	Other/Spo (Tray I 17 y) N(specify 025376 DO	ORP (mV) [10 mV]*
Volume Did well	s of Puri of wate go dry	Pump Rate (Umin.)	95 3,24 0 Meter Type(s) / S Total Gallons Removed	Water Level (ft TIC)	Temp. (Celcius)	Peristattic Pum Pump Type: Samples collect  CIRRIDIM  pH  [0.1 units]*	P() So MHKSC ted by same me 1461 ETEIC Sp. Cond. (mS/cm)	Athor as evacuation	) Other/Spc (Tray) I 17 Y N(specify DO (mg/l)	ORP (mV)
Volume Did well	s of Purior of water go dry	Pump Rate (Umin.)	95 3,24 c	Water Level (ft TIC)	Temp. (Celcius) [3%]*	Peristattic Pum Pump Type: Samples collect  CIRRIDIM  pH  [0.1 units]*	P() So MHKSC ted by same me 1461 Sp. Cond. (mS/cm) [3%]*	Athod as evacuation  Athod as evacuation  Turbidity (NTU)  19  1.3	) Other/Spc (Tray I 17 y) N(specify DO (mg/I) [10% or 0.1 mg/I]*	ORP (mV) [10 mV]*
Volume Did well Tir	s of Pur of wate l go dry	Pump Rate (Umin.)  0.175	95 2,24 c feter Type(s)/S Total Gallons Removed - 0,3442 0,5364	Water Level (ft TIC) 7.51 91.50	(Celcius) [3%]*	Peristattic Pum Pump Type: Samples collect  CIRRIDIM  pH  [0.1 units]*	P() So MHKSC ted by same me 1461 ETEIC Sp. Cond. (mS/cm) [3%]*	Athod as evacuation  Athod as evacuation  Turbidity (NTU)  19  13	) Other/Spc (Tray) I 17 Y N(specify DO (mg/l)	ORP (mV) [10 mV]*
Tir	s of Pur of wate l go dry	Pump Rate (L/min.)  0.175  0.100  0.100	95 3,24 c	Water Level (ft TIC) 7, 51 91,50 7,49	Temp. (Celcius) [3%]*	Peristattic Pum Pump Type: Samples collect Ste 030  URB D M pH  [0.1 units]*	P() So MHKSC ted by same me 1461 Sp. Cond. (mS/cm) [3%]*	Athod as evacuation  Athod as evacuation  Turbidity (NTU)  19  13	) Other/Spc (Tray I 17 y) N(specify DO (mg/I) [10% or 0.1 mg/I]*	ORP (mV) [10 mV]*
Tir	s of Pur of wate l go dry	Pump Rate (Umin.)  0.175	95 2,24 c feter Type(s)/S Total Gallons Removed - 0,3442 0,5364	Water Level (ft TIC) 7.51 91.50	(Celcius) [3%]*	Peristattic Pum Pump Type: Samples collect Ste 030  URB D M pH  [0.1 units]*	P() Si MHKSC ated by same me 1461 ETEIC Sp. Cond. (mS/cm) [3%]*	Athod as evacuation  Athod as evacuation  Turbidity (NTU)  19  1.3	Other/Spc (Tay) I (Tay) N(specify) (Tay) N(specify) (Tay) N(specify) (mg/l) (mg/l) (10% or 0.1 mg/l)*	ORP (mV) [10 mV]*
Tir	s of Puriod Water go dry/	Pump Rate (L/min.)  0.175  0.100  0.100	SET Type(s)/S  Total Gallons Removed  0.1642 0.5364 0.665	water Level (ft TIC) 7.51 91.50 7.49 7.46	12.65	Peristattic Pum Pump Type: Samples collect Support Collect Support Collect PH  [0.1 units]*	P() Si MHKSC and by same me 1461 ETEIC Sp. Cond. (mS/cm) [3%]*	Al O2020C Turbidity (NTU) 19 1.3	Other/Spo (Tay) I (Tay) I (Tay) I (Nepecify) (Mg/I) [10% or 0.1 mg/I]*	ORP (mV) [10 mV]* - - 93.6 - 93.7
Tir 10 16: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10	s of Purior of water go dry/	Water Quality N Pump Rate (L/min.) 0.175 0.100 0.100 0.100	95 2,24 0 feter Type(s)/S Total Gallons Removed - 0,24,42 0,535,4 0,40,05 0,793,6 0,424,7	water Level (ft TIC) 7.51 91.50 7.49 7.46	12.65	Peristattic Pum Pump Type: Samples collect Ster 03C URB D M pH  [0.1 units]*	P() Si MHKSC ted by same me 1461 ETEIC Sp. Cond. (mS/cm) [3%]* - 1, 39.2 1, 413 1, 413	A I  O 2 O 2 CCC  Turbidity (NTU)  [10% or 1 NTU]*  1 1 3  LO  6	Other/Spc (Tay) I (Tay) N(specify) (Tay) N(specify) (mg/l) (mg/l) (10% or 0.1 mg/l) 	ORP (mV) [10 mV]* - -93.6 -93.7 -94.7
Tir 10 - 10 15 10 11 10 11 10 11 10 11 10 11 10 11 11	s of Purior of water go dry	Pump Rate (L/min.) 0.175 0.100 0.100 0.100 0.100	95 2,24 0 feter Type(s)/S Total Gallons Removed - 0,3442 0,5364 0,6405 0,7926	Water Level (ft TIC) 7.51 7.51 91.50 7.49 7.46 7.47	12.65	Peristattic Pum Pump Type: Samples collect Ste 030  URB D M pH  [0.1 units]*	P() Si MHKSC ted by same me 1461 ETEIC Sp. Cond. (mS/cm) [3%]* - 1, 39,2 1, 413 1, 413 1, 413 1, 413	A I  O 2 O 2 CCC  Turbidity (NTU)  [10% or 1 NTU]*  1 1 3  LO  6	Other/Spc (Tay) I (Tay) N(specify) (Tay) N(specify) (mg/l) (mg/l) (10% or 0.1 mg/l) 	ORP (mV) [10 mV]* 
Tir 10: 10: 10: 11: 11: 11: 11: 11: 11: 11:	s of Purior of water go dry/	Pump Rate (L/min.) O.175 D.100 O.100 O.100 O.100 O.100 O.100 O.100 O.100 O.100 O.100	95 2,24 0 feter Type(s)/S Total Gallons Removed - 0,3442 0,5364 0,425 0,7726 0,7347 1.0568	Water Level (ft TIC) 7.51 7.51 91.50 7.49 7.46 7.45	12.65 12.65 12.65	Peristatic Pum Pump Type: Samples collect  CIRBLD M pH  [0.1 units]*	P() Si MHKSC ted by same me 1461 ETEIC Sp. Cond. (mS/cm) [3%]*  1,392 1,413 1,413 1,413 1,413 1,419	Al O2020CC Turbidity (NTU) 19 1.3 1.0 6 5	Other/Spc (Tay) I (Tay) I (Tay) N(specify) (DO (mg/l) (10% or 0.1 mg/l) 	ORP (mV) [10 mV]* - - 93, 6 - 93, 7 - 94, 7 - 94, 5
Tir 10 16 10 16 11 16 11 16 11 16 11 16 11 16 11 16 11 16 11 11	ps of Purior of water go dry	Pump Rate (L/min.) 0.175 0.100 0.100 0.100 0.100 0.100 0.100 0.100	95 2,24 0 feter Type(s)/S Total Gallons Removed - 0,3442 0,5354 0,425 0,7726 0,7347 1.0548 1.1549	Water Level (ft TIC) 7.51 91.50 7.49 7.49 7.46 7.47 7.45 7.44	12.62 12.62 12.62 12.65 12.65 12.65 12.65 12.65	Penstattic Pum Pump Type: Samples collect CIRBIDIM pH  [0.1 units]*	P() Si MHKSC ted by same me 1461 ETEIC Sp. Cond. (mS/cm) [3%]* - 1.392 1.413 1.413 1.414 1.419 1.419	Al O2020CC Turbidity (NTU) 19 1.3 1.0	Other/Spc (Tay) I (Tay) N(specify) (Tay) N(specify) (Tay) N(specify) (mg/l) (10% or 0.1 mg/l) (mg/l) (10% or 0.1 mg/l) (1.95 (	ORP (mV) [10 mV]* - - 93.6 - 93.7 - 94.5 - 94.5 - 94.6 - 94.8
Tir 10: 10: 10: 11: 11: 11: 11: 11: 11: 11:	s of Purior of water go dry	Pump Rate (L/min.) 0.175 0.100 0.100 0.100 0.100 0.100 0.100 0.100	85 2,24 0 feter Type(s)/S Total Gallons Removed 0,3642 0,5364 0,4642 0,7926 0,7926 0,7926 1,799 1,3210 1,4531	Water Level (ft TIC) 7.51 7.51 91.50 7.49 7.49 7.45 7.45 7.45 7.44	12.62 12.62 12.62 12.65 12.65 12.65 12.65 12.65 12.65	Peristatic Pum Pump Type: Samples collect CIRB D M pH  [0.1 units]*	P() Si MHKSC ted by same me 1461 ETEIC Sp. Cond. (mS/cm) [3%]* - 1,392 1,413 1,413 1,413 1,419 1,419 1,419	Al O2020CC Turbidity (NTU) 19 1.3 1.0	Other/Spc (Tay) I (Tay) N(specify) (Tay) N(specify) (Tay) N(specify) (mg/l) (10% or 0.1 mg/l) 	ORP (mV) [10 mV]* - - 93, 6 - 93, 7 - 94, 5 - 94, 6 - 94, 6 - 94, 6 - 94, 6
Tir	ne 15 25 25 25 25 25 25 25	Pump Rate (L/min.) 0.175 0.100 0.100 0.100 0.100 0.100 0.100 0.100	95 2,24 0 feter Type(s)/S Total Gallons Removed - 0,3442 0,5354 0,425 0,7726 0,7347 1.0548 1.1549	Water Level (ft TIC) 7.51 91.50 7.49 7.49 7.46 7.47 7.45 7.44	12.62 12.62 12.62 12.65 12.65 12.65 12.65 12.65	Penstattic Pum Pump Type: Samples collect CIRBIDIM pH  [0.1 units]*	P() Si MHKSC ted by same me 1461 ETEIC Sp. Cond. (mS/cm) [3%]* - 1.392 1.413 1.413 1.414 1.419 1.419	Al O2020CC Turbidity (NTU) 19 1.3 1.0 6 5	Other/Spc (Tay) I (Tay) N(specify) (Tay) N(specify) (Tay) N(specify) (mg/l) (10% or 0.1 mg/l) (mg/l) (10% or 0.1 mg/l) (1.95 (	ORP (mV) [10 mV]* 

Screen in Water Length of W	pace (ppm)  FION  bint Marked?  ference Point  Vell Diameter  nterval Depth  Table Depth  Well Depth  Vater Column  Water in Well	4" 5-20' 4.68'	Meas. From	Samplir GROUNI)	ng Personnel Date Weather	10/16/ 50207	50-55 Sample Time			
Well Heads  /ELL INFORMAT Reference Pr Height of Ref W Screen in Water Length of W Volume of V	pace (ppm)  FION  bint Marked?  ference Point  Vell Diameter  nterval Depth  Table Depth  Well Depth  Vater Column  Water in Well	0 -0.75 4" 5-20' 4.60' -19.55'	Meas. From	GROWIS			50-55 Sample Time			
Reference Prince	prion print Marked? ference Point vell Diameter nterval Depth Table Depth Well Depth Vater Column Water in Well	0 N -0,75 4" 5-20' 4,68'	Meas. From	GROUNIS	Weather	SUMMY	Sample Time			
Reference Pri Height of Ref W Screen In Water Length of W Volume of V	oint Marked? ference Point vell Diameter nterval Depth Table Depth Well Depth Vater Column Water in Well	4" 5-20' 4.68'	Meas. From	GROWIS_				N = 109	2002	
Height of Ref W Screen In Water Length of W Volume of V	ference Point Veil Diameter nterval Depth Table Depth Well Depth Vater Column Water in Well	4" 5-20' 4.68'	Meas. From	GROWIN			45	14	10:12	
W Screen in Water Length of W Volume of V	veil Diameter nterval Depth Table Depth Well Depth Vater Column Water in Well	4" 5-20' 4.68'	Meas. From	GROWN)			Sample ID	NS-09		
Screen In Water Length of W Volume of V	nterval Depth Table Depth Well Depth Vater Column Water in Well	5-20' 4. 68' <del>19.55</del> ' -					Duplicate ID	_		
Water Length of W Volume of V	Table Depth Well Depth Vater Column Water in Well	4.68'					MS/MSD			
Length of W Volume of V	Well Depth Vater Column Water in Well	19.55 -		GROUND			Split Sample ID	_		
Volume of V	Vater Column Water in Well		Meas. From	TIC						
Volume of V	Water in Well	13.15	Meas, From	TIC		Required	Analytical	Parameters:	Collected	
			9 A. 93'			E E	VOCs	(Std. list)	( )	
Intake Depth of		8.59 gel		7923		1 1	VOCs	(Exp.list)	(0.0)	
	pumpdubing	11.75	Meas. From	TC_		t )	5V	OCs	0 1	
						1 1	PCBs	(Total)	1 1	
eterence Point Id	ientification:					1 1	PCBs (D	PCBs (Dissolved)		
C. Top at Inner (	(PVC) casing					0.5	Metals/In	org (Total)	1 1	
DC. Top of outer	r (protective) o	casing				C 3:	Metats/Inorg	(Dissalved)	1 1	
ade/BGS Greu	md Surface					C 2:		s/PCDFs	C: 3:	
	$\sim$					f 3	Pes	WHorb	V 5	
edevelop7 Y	(N)					1 2	Natural A	Attunuation	1 1	
	2111- <del>3647-</del> 20					(X)	Other	(Specify)	1/1	
VACUATION INF	FORMATION					MERCU	RY-FILTER	AU CIND CLEN	FLERE	
boutes of Pumpi olume of water re		9:15 13:16 2 gal				X) Sub CEOPROSE	1 Bladder Pi smersdale Piemp ( 2 GEDPUN flod as evacuation	nea Ottoo/Spor	aly ( )	
Anutos of Pumpir oliume of water re ad well go day?	ng Skip Time ng nmayed Y N	9:15 13:16 2 gal	erial Numbers	Y(1 556	Penstaltic Pump Pump Type 1 Samples collecti 03C 14	CEOPROBE ed by same min	emeradin Pump ( 2. GEDPUN hod as nvacualian	NE-pecify)	sily ( )	
Anutos of Pumpir olume of water re ad well go day?	ng Skip Finne ring omdived Y N Sator Quality M	9:15 10:16 2 gal	erial Numbers	У.(1 556 4 асн тиг	Penstaltic Pump Pump Type 1 Samples collecte 03C 14 6+01MET	Subsection of the second of th	emeratiin Pump ( 2 GEDPUN 100 as reacuation	NED Nispecify)		
Enutes of Puripin olumb of water re id well go day?  Wi	ng Skur Finne ing omarved Y N Futor Quality M	9:15 10:16 2 gad (mer Typn(s)/S	arial Numbers	X(1 556 44CH TUR Temp.	Penstaltic Pump Pump Type 1 Samples collecti 03C 14	CEOPPOSE ed by same med Let At ER 99 Sp. Cond.	2 GEDPUN hod as evacuation 12 00010 Turbidity	NED T	ORP	
tinutes of Pumpir olume of water re id well go day?	to Sket Time ing omitived Y N Futor Quality M Pump Rate	9:15 10:10 2 gcd (mer Typn(s)/S Total Gallons	erial Numbers Water Level	Y(1 556 44CH TUR Temp. (Celclus)	Penstaltic Pump Pump Type 1 Samples collect 03C  4 6) DIMET pH	CEOPLOSC ed by same met Let Age Sp. Cond. (niS/cm)	Properties Pump ( 2 GEDPUN  Nod as evacuation  1 2 000 (  Turbuilty  (NTU)	N(specify)  ABUT  DO  [mg/l]	ORP (mV)	
triutes of Puripii oliume of water re d well yo dry?  Wi	to Skep Timer ing omitived Y N futor Quality M Pump Rate (L/min.)	9:15 10:16 2 gcd keter Fypo(s)/S Total Gallons Removed	water Lovel	YS 556 44CH TUR Temp. (Cetclus) [3%]	Penstaltic Pump Pump Type 1 Samples collect  0:3C   4 6:01mET pH  [0:1 units]*	Sp. Cond. (niS/cm)	Properties Pump ( 2 GEDPUN  Nod as evacuation  1 2 000 (  Turbuilty  (NTU)	Other/Spec PAN(specify) ABOT DO (mg/l) (10% or 0 1 mg/l)*	ORP (mV) [10 mV]*	
tinutes of Puropii oliume of water re id well yo day?  Wi	p Sker Timer ing innervest Y N  rutor Quality M  Pump Rate (L/min.)	9:15 10:16 2 gcd keter Typn(s)/S Total Gallons Removed	Water Lovel (ft TIC)	Y() 556 44CH TUR Temp. (Celclus) [3%]	Penstaltic Pump Pump Type 1 Samples collect 03C  4 6) DIMET pH	CEOPLOSC ed by same met Let Age Sp. Cond. (niS/cm)	Properties Pump ( 2 GEDPUN  Nod as evacuation  1 2 000 (  Turbuilty  (NTU)	Offser/Spec PD N(specify) ABOT DO (mg/l) (10% or a 1 mg/l)*	ORP (mV)	
titudes of Puropii oliume of water re id well yo dry?  Wi Time  9:15 (	py Skep Timer mg omitived Y N futor Quality M Pump Rate (L/min.) U.100	9:15 10:16 2 gcd  And Total Gallons Removed	Water Lovel (ft TIC) C. 70	Y(1 556 44CH TUR Temp. (Celclus) [3%]'	Penstaltic Pump Pump Type Samples collect  03C  4 b) DIMET pH  0.1 units	CEOPLOSC ed by same met Let Al Sp. Cond. (niS/cm)	Properties Pump ( P. GEDPUN  Nod as evacuation  1.2.0001  Turbidity  (NTU)  [10% or 1.NTU]	Other/Spec PD N(specify) ABOT DO (mg/l) (10% or 0 1 mg/l)*	ORP (mV)	
tinutes of Puropin allume of water red well you dry?  With Time  9:15 9:26	py Skep Timer ing inmayed Y N futor Quality M Pump Rate (L/min.) U.100 U.100 U.125	10:10 2 gcd  Total Gallons Removed  0.132 0.330	Water Lovel (ft TIC) G. 70 G. 68 G. 68	Y() 556 44CH TUR Temp. (Celclus) [3%]'	Penstaltic Pump Pump Type 1 Samples collect 03C JA 61 DIMET pH 10 Lunits)*	ER 98 Sp. Cond. (niS/cm) [3%]*	Properties Properties  2 GEDPUN  Note as invacuation  1 2 0001  Turbidity  (NTU)  [10% or 1 NTU]  1	Other/Spec PD N(specify) ABUT DO (mg/l) (10% or 0 1 mg/l)*	ORP (mV) (10 mV)*	
tinutes of Puropii oliume of water re d well yo dry?  Wi Time  9:15 9:26 9:31	Pump Rate (L/min.)  0.100  0.125 0.125	9:15 10:16 2 gcd Total Gallons Removed 0:132 0:330 0:445	Water Lovel (ft TIC) G. 48 G. 65 U. 67	Y(1 556 44CH TUR Temp. (Celclus)  3% ' - 13.27 13.23	Penstaltic Pump Pump Type 1 Samples collect 03C IA 6101MET pH [01 units]*	Sp. Cond. (niS/cm) [3%]*	emercable Pump ( 2 GEDPUN hood as invocutation  ()1 2 0001 (  Turbidity (NTU) (10% or 1 NTU) () () ()	Other/Spec 1P2 N(specify) 1807 00 (mg/l) (10% or 0 1 mg/l)* 	ORP (mV) (10 mV)*	
Time  9:15 9:10 9:26 9:31 9:36	Pump Rate   Umin.)   U.100   U.125   U.125   U.125	9:15 10:16 2 gcd Meter Typn(s)/S Total Gallons Removed 0:13:2 0:33:0 0:445 0:16:0	Water Lovel (ft TIC) G. G. G. G. G. G. G. G.	Y() 556 44CH TUR Temp. (Celclus)  3% ' - 13.27 13.23 13.25	Penstaltic Pump Pump Type 1 Samples collecte D3C IA B1DIMET pH 10 Lunits)*	Sp. Cond. (niS/cm) [3%]*	Properties Properties  2 GEDPUN  Note as invacuation  1 2 0001  Turbidity  (NTU)  [10% or 1 NTU]  1	Other/Spec 1P2 N(specify) 1807 00 (mg/l) (10% or 0 1 mg/l)* 	ORP (mV) (10 mV)* - 188,4	
Time 9:15 (9:16 9:16 9:16 9:16 9:16 9:16 9:16 9:16	Pump Rate (Limin.) 0.100 0.125 0.125	9:15 10:16 2 gcd (hear Typo(s)/S Total Gallons Removed 0:13:2 0:33:0 0:465 0:465 0:625	Water Lovel (ft TIC) G. G. G. G. G. G. G. G. G. G.	Y() 556 44CH TUR Temp. (Celclus)  3% ' - 13.27 13.23 13.26  333	Penstaltic Pump Pump Type 1 Samples collect 03C IA 6101MET pH 101 units)*	Sp. Cond. (niS/cm) [3%]*	Properties Properties  2 GEDPUN  Note as evacuation  Turbidity  (NTU)  [10% or 1 NTU]  1	Other/Spec 1P2 N(specify) N(specify) 10% or 0 1 mg/l)* 	ORP (mV) (10 mV)* 	
Time 9:15 (9:26 9:31 9:31 9:46 9:46	Pump Rate (Limin.) 0.100 0.125 0.125 0.125	9:15 10:16 2:16 2:16 2:16 Gallons Removed 	Water Lovel (ft TIC) G. 70 G. 69 G. 69 G. 67 G. 67 G. 67	Y(1 566 14CH TUR Temp. (Celclus)  3% - - 13.27 13.23 13.26  3.33 13.41	Penstaltic Pump Pump Type 1 Samples collect D3C IA BIDIMET pH 10 Lunits)*	Sp. Cond. (niS/cm) [3%]*  0.953 0.963 0.963 0.967	emercable Pump ( 2 GEDPUN hood as invocutation  ()1 2 0001 (  Turbidity (NTU) (10% or 1 NTU) () () ()	Other/Spec 1P2 N(specify) 2807 00 (mg/l) (10% or 0 1 mg/l)* 	ORP (mV) (10 mV)* 	
Time 9:15 (9:26 9:31 9:31 9:46 9:51	Pump Rate (Limin.) 0.100 0.125 0.125 0.125	9:15 10:16 61 2 gall Gallons Removed 	Water Lovel (ft TIC) G. 16 G. 66 G. 66 G. 67 G. 67 G. 67 G. 67 G. 67 G. 67	Y(1 566 14CH TUR Temp. (Celclus)  3% - - 13.27 13.23 13.26  3.33 13.41 13.40	Penstaltic Pump Pump Type 1 Samples collect  0.2C  A BIDIMET pH  10 1 units)	(X) Suit CEOPROSE ed by same met GP	Properties Properties  2 GEDPUN  Note as evacuation  Turbidity  (NTU)  [10% or 1 NTU]  1	Other/Spec 1P2 N(specify) N(specify) 10% or 0 1 mg/l)* 	ORP (mV) (10 mV)* 	
Time 9:15 (9:26 9:31 (9:46 9:46 9:56 9:56	Pump Rate [L/min.] 0.100 0.125 0.125 0.125 0.125 0.150	9:15 10:16 61 2 gall Gallons Removed 0:13:2 0:33:0 0:465 0:465 0:465 0:465 0:465 0:465 0:465	Water Lovel (ft TIC) G. 16 G.	YSI 566 44CH TUR Temp. (Celclus)  3% - - 13.27 13.23 13.26  3.33  3.41  13.40  13.44	Penstallic Pump Pump Type 1 Samples collect  0.2C   4 BIDIMET  pH  10 1 units;  1,50 1,53 1,53 1,53 1,43 1,43 1,43	Sp. Cond. (niS/cm) [3%]*  0.963 0.963 0.963 0.967 0.968	Properties Properties  2 GEDPUN  Note as evacuation  Turbidity  (NTU)  [10% or 1 NTU]  1	Other/Spec 1P2 N(specify) 2807 00 (mg/l) (10% or 0 1 mg/l)* 	ORP (mV) (10 mV). 	
Time Purple of wither re individual of wither re individual of wither re individual of the individual	Pump Rate (Limin.) 0.100 0.125 0.125 0.125 0.150 0.150 0.150	9:15 10:16 61 2 gal Gallons Removed 0:132 0:330 0:45 0:45 0:960 0:178 1:366 1:545	Water Lavel (ft TIC) (c. 16 2)	YSI 566 14CH TUR Temp. (Celclus)  3% - - 13.27 13.23 13.26  3.33  3.41  3.40  3.44  3.47	Penstaltic Pump Pump Type 1 Samples collect  0.2C  A BIDIMET pH  10 1 units)	Sp. Cond. (niS/cm)   3% **  0.963   0.963   0.965   0.967	Properties Properties  2 GEDPUN  Note as evacuation  Turbidity  (NTU)  [10% or 1 NTU]  1	1807 00 (mg/l) (10% or 0 1 mg/l)*  4.61 0.74 0.50 0.45 0.35 0.31 0.29 0.29	ORP (mV) [10 mV]* - 188, 4 179, 200, 169, 2 123, 0 123, 0 149, 0 44, 2	
Time Purple of wither relatives of Purple of Wilder relatives of Purple of Wilder relatives of Purple of P	Pump Rate [L/min.] 0.100 0.125 0.125 0.125 0.125 0.150	9:15 10:16 61 2 gall Gallons Removed 0:13:2 0:33:0 0:465 0:465 0:465 0:465 0:465 0:465 0:465	Water Lovel (ft TIC) G. 16 G.	YSI 566 44CH TUR Temp. (Celclus)  3% - - 13.27 13.23 13.26  3.33  3.41  13.40  13.44	Penstallic Pump Pump Type 1 Samples collect  0.2C   4 BIDIMET  pH  10 1 units;  1,50 1,53 1,53 1,53 1,43 1,43 1,43	Sp. Cond. (niS/cm) [3%]*  0.963 0.963 0.963 0.967 0.968	Properties Properties  2 GEDPUN  Note as evacuation  Turbidity  (NTU)  [10% or 1 NTU]  1	Other/Spec 1P2 N(specify) 2807 00 (mg/l) (10% or 0 1 mg/l)* 	ORP (mV) (10 mV)* - - 188.4 179. 200. 189.2 123.0	

Key No.  PID Background (ppm Well Headspace (ppm  ELL INFORMATION Reference Point Market Height of Reference Poi Well Diamet Screen Interval Dep Water Table Oop	0 Q N		Samplin	g Personnel _ Date _ Weather _	10/15/0: DVER-CA	3 5T, 55°F	, VERY WIL	DΥ
Well Headspace (ppm ELL INFORMATION Reference Point Markes Height of Reference Poi Well Diamet Screen Interval Dep	0 Q N			Weather j	OVER CA	ST, 55°F	VERY WIN	DY
ELL INFORMATION Reference Point Marker Height of Reference Poi Well Diamet Screen Interval Dep	17 Q N,			Weather j	DVEKLA	ST, 05"+	VERY WIN	DY
Reference Point Market Height of Reference Poi Well Diamet Screen Interval Dep	- W							250 C
Height of Reference Po Well Diamet Screen Interval Dep	- W					Sample Time	15:40	
Well Diamet Screen Interval Dep	nt 24.0"		50 650			Sample ID	NS-17	
Well Diamet Screen Interval Dep		Meas From 6	FROUND			Ouplicate ID	Da mar	1P-2
	er 2 in		400 V 00000			MS/MSD		
	16-16	Meas From 6	ROUND			Solit Sample ID		
			TIC .			AND STORES		
Well Dec	18.42		TIC		Required	Analytical	Parameturs:	Collected
Longith of Water Colum		3	110-		E- 12		(Sta. list)	1 1
Volume of Water in W					- N		(Exp.list)	1 1
Intake Depth of pump/tubir		Mone From	TIC		1 1		OCs	
іптаке оеркі сіг ритрушья	9 17, 25	widds, cruin			25 5		(Tater)	
					77 (2)			
rierence Point Identification					1		Dissolved)	E 20
C Top at Inner (PVC) casi	nra				C 9:		org (Total)	T - 1
C Top of outer (protective	<ol> <li>(2) (2) (3) (3)</li> </ol>				6 3		j. (Dissolved)	E 3
ade/BGS Ground Surfact	6				£ 4		s/PCDFs	1 1
^					4 9	Pes	VHeib	+ 4
edevelop7 Y (N)					1 1	Nasurai A	Afternocutions	1 1
					X	Other	(Sp-scify)	×
VACUATION INFORMATIO	ON.					ED PIONE	FILTERED 4	າດ
Pump Start Tur	14.40				"	cicury-	ILLEED 4	NU
	17.40					7	11:10	The state of the s
	15:511	0:00		Evacuation Mott	end Baster (	) Biodder Pr	UNFLIER	ED
Pump Stop Tin	15:51	0:02		Evacuation Meth	. /	) Bisadder Pr	"M, UNFICTER	
Pump Stop Tin landas at Pumping	15:510	0:02	- 9	Pandallia Pump	X) Suit	) Bladder Pr merable Pares ;	"M, UNFICTER	
Pump Stop Tin	1.6 ga	6:02 L		Pandalla Pana Pandalla Pana	X SIII	) Bladder Pr merable Pares : P 2	"M, UNFICTER	
Pump Stop Tin Imates of Pumping alume of wither removed d wall go dry? Y	15:510	L	YST.55	Paredilitic Pump Pump Type ( Sumples collecti (6 03C	EOPUM TEOPUM ed by same med	) Biodder Promose P 2 P 2 Production executions	ONFICIENCE OF STREET	aty ( )
Pump Stop Tin landas at Pumping aluma at wilder removed d wall go dry? Y N Water Quali	1. 6 ga	anal Numbers	YST 55 HALH T	Parediate Pump Pump type ( Sumplus collecti 6 03C URGIDIT	X See TEOPUM and by autonomous 1461 A METER	) Bisadder Promoter P 2 P 2 Prod as evanuature P 2 P 2 P 2 P 2 P 2 P 2 P 2 P 2 P 2 P	ODO 2537	6
Pump Stop Tim landas at Pumping alumba at water removed d wall go dry? Y N Water Qualit	Meter Type(s)/S	enal Numbers.	YST.55 HALH T	Paredilitic Pump Pump Type ( Sumples collecti (6 03C	Set Sp. Cond.	) Bioditer Proposition Participation (P. 2) P. 2	ODO 2537	6 ORP
Pamp Stop Time Imutes of Pumping Jume of water removed d well go dry? Y N  Water Qualif  Pump Time Rate	y Meter Type(s) / S	enal Numbers.  Water Level	YST.55 HALH T Temp. (Celcius)	Paredidite Pump Pump Type ( Samples collect 6 03C UPBIDIT pH	Set DE OP UM 19 1461 A 1461 A 15p. Cond. (mS/cm)	) Bioditer Proposition Particle P 2 P 2 P 2 P 2 P 2 P 2 P 2 P 2 P 2 P	ODO 2537	ORP (mV)
Pump Stop Tim Imutes of Pumping stume of water removed d well go dry? Y N  Water Qualif  Pump Time Rate (Limin.)	Meter Type(s)/S	water Level	YST.55 HALH T	Parediate Pump Pump type ( Sumplus collecti 6 03C URGIDIT	Set Sp. Cond.	) Bioditer Property Party P 2 Pod as evaluation:    02.02	ODO 2537	ORP (mV)
Pump Stop Timbutus of Pumping slumbs of water removed dwell go dry? Y N Water Qualifum Pump Rate (Limin.)	y Metrir Type(s) / Si Total Gallona Removed	Water Level (ft TIC)	YST.55 HALH T Temp. (Celcius)	Paredidite Pump Pump Type ( Samples catect O OSC URGIDIT pH	Set DE OP UM 19 1461 A 1461 A 15p. Cond. (mS/cm)	Dans evanuation:    Dans	ODO 2537	ORP (mV) [30 mV[*
Pump Step Tin landes of Pumping stands of wilder removed d wall go dry? Y N  Water Qualif  Pump Time Rate (Limin.)	y Meter Type(s) / S	Water Level (ft TIC) 10.19	YST.55 HALH T Temp. (Celcius)	Paredidite Pump Pump Type ( Samples collect O OSC URBIDIT pH  0 Lemits	Subject of the second of the s	Dans evanuation:    Dans	ODO 253.7  DO (reg/l) (10% or 0.1 mg/l)	ORP (mV) [10 mV)
Pump Stop Timbutus of Pumping slumbs of water removed dwell go dry? Y N Water Qualifum Pump Rate (Limin.)	Meter Type(s) / S Total Gallona Removed 0, 13 218 0, 26120	Water Level (ft TIC) 10.17 [0.17	YST.55 HALH T Temp. (Celcius)	Paredidite Pump Pump Type ( Samples catect O OSC URGIDIT pH	State Polyment of the same read of the s	) Bioditer Property Party P 2 Pod as evaluation:    02.02	ON PLATER  Otherspector  Nespector  OO 2537  DO (regil)  (10% or 0.1 migst)*	ORP (mV) [10 mV)
Pump Step Timbus of Pumping standard with removed dwell go dry? Y N Water Quald Pump Rate (L/min.)  14:40 0.125 14:45 0.100 14:50 0.100	Meter Type(s) / S Total Gallona Removed 0, 13 210 0, 20120 0, 39 630	Water Level (ft TIC) 10.17 [0.17	YST.55 HALH T Temp. (Celcius)	Paredidite Pump Pump Type ( Samples collect O OSC URBIDIT pH  0 Lemits	Superior Section Section Section (mS/cm) 1.456 1.465	Danie Paris	0002537 00 (ing/l) (10% or 0 1 might) 9.74	ORP (mV) [10 mV]:
Pump Stop Time Inutes of Pumping slume of water removed d well go dry? Y N  Water Quald  Pump Time Rate (L/min.) 14:40 0.125 14:45 0.100 14:55 0.100	Meter Type(s) / S Total Gallona Removed 0, 13 210 0, 20120 0, 39 630	Water Level (ft TIC) 10.19 10.17	YST.55 HALH T Temp. (Celcius)	Paredidite Pump Pump Type ( Samples catedo URGIDIT pH [0 Lunis]	State Polyment of the same read of the s	Danie Paris	0002537 00 (ing/l) (10% or 0 1 might) 9.74 0.90	ORP (mV) [10 mV]*
Pump Stop Time Inutes of Pumping shime of water removed d well go dry? Y N  Water Quald  Pump Time Rate (L/min.)  [4:40 0.125 14:45 0.100 14:55 0.100 15:00 0.100	Mater Type(s)/S Total Gullona Removed 0, 13:210 0, 26420 0, 39 630 0, 5294	Water Level (ft TIC) 10.17 [0.17 10.17 10.17	YST.55 HALH T Tomp. (Celcius) 13%; 	Paredidite Pump Pump Type ( Samples catect ORGIDIT pH [0 Lunits]*	Superior Section Section Section (mS/cm) 1.456 1.465	Danie Paris	0002537 00 (ing/l) (10% or 0 1 might) 9.74 0.97 0.60 0.49	ORP (mV) [10 mV]*  - \$2.1  - \$4.9  - \$6.6
Pump Stop Time shuma at water removed at water Qualif  Water Qualif  Pump  Films Rate  (L/min.)  [4:40 0.125  14:45 0.100  14:55 0.100  15:05 0.100  15:05 0.100	Mater Type(s)/S Total Gallona Removed 0. 13 210 0. 26420 0. 39 630 0. 5294 0. 0655	Water Level (ft TIC) 10.17 10.17 10.17 10.17	YST. 55 HALH T Temp. (Celcius) 13%;	Paredidite Pump Pump type ( Samples catedo URBIDIT pH  0 tunits *	Superior Section 1461 A METER Sp. Const. (mSicm) 12%;	Danie Paris	0002537 00 (ing/l) (10% or 0 1 might) 9.74 0.97 0.60 0.49	ORP (mV) [10 mV]*  - \$2.1  - 94.9  - 86.6  - 86.6
Pump Step Time Pumping Water Qualiform Pumping Water Qualiform Pumping Pump Rate (L/min.) 4:40 0.125 0.100 4:50 0.100 15:00 0.100 15:10 0.100 15:10 0.100	Mater Type(s)/S  Total Gallona Removed  0.13.210 0.26420 0.34630 0.5284 0.0605	Water Level (ft TIC) 10.17 10.17 10.17 10.17 10.15	YST.55 HALH T Tomp. (Celcius) 13%; 	Paredidite Pump Pump Type ( Samples cattect  O OSC  ORGIDIT  pH   0 Lunis *	X) Suit DEOPUM: ed by summer med 1461 A METERL Sp. Const. (mSicm) 12%; - 1.456 1.465 1.467 1.471	Day 2  Turbidity (NTU)  10% or 1 NTU)*  9  4  3  2  4  3	0002537 00 (ing/l) (10% or 0 1 might) 9.74 0.97 0.60 0.49	ORP (mV) [10 mV]*  - \$2.1  - 94.9  - 86.6  - 86.6
Pump Step Time state removed dwell go dry? Y N Water Qualiform Rate (L/min.) 4:40 0.125 0.100 15:00 0.100 0.15:10 0.100 0.15:10 0.100 0.15:10 0.100 0.15:10 0.100 0.15:10 0.100 0.15:10 0.100	Mater Type(s)/S Total Gallona Removed 0. 13 210 0. 26420 0. 39 630 0. 5294 0. 0.0505 0.7926 0.7926	Water Level (ft TIC) 10.19 10.17 10.17 10.17 10.17 10.15 10.15	YST.55 HALH T Tomp. (Celcius) 13%; 	Paredidite Pump Pump Type ( Samples collect  O SC  ORGANICS  O Lands  Land  Land	State   Section   Sectio	Day 2  Turbidity (NTU)  10% or 1 NTU)*  4  4  3  4  3  5	0002537 00 (mg/l) (10% or 0 1 mg/l) 9.74 0.97 0.50 0.49 0.49 0.39	ORP (mV) [10 mV]*  - \$2.1  - \$4.9  - \$6.5  - \$6.5
Pump Step Time Industry Pump Rate (L/min.) [4:40 0.125 14:45 0.100 15:00 0.160 15:10 0.160 15:10 0.160 15:10 0.160 15:10 0.160 15:10 0.160 15:10 0.160 15:10 0.160	7 1. 6 96 1. 6 96 1. 6 96 1. 6 96 1. 6 96 7 101 7 10	Water Level (ft TIC) 10.17 10.17 10.17 10.17 10.15 10.15 10.15	YST.55 HALH T Tomp. (Celcius) 13%; 	Proctable Pump Pump type ( Samples collect  URBIDIT  pH   0 tunits	X) Suit TEOPUM: red by summer med by summer	) Bisadder Promoted Parmoted P 2 P 2 P 2 P 2 P 2 P 2 P 2 P 2 P 2 P	000 25 3 7 00 (ing/l) (10% or 0 1 might) 9.74 0.97 0.49 0.49 0.49 0.49 0.45	ORP (mV) [10 mV]*  - \$2.1  - \$4.9  - \$6.5  - \$6.5
Pump Step Time Institute of water removed dwell go dry? Y N Water Qualiform Rate (L/min.) 14:49 0.125 14:45 0.100 15:00 0.100 15:10 0.100 15:15 0.100 15:15 0.100 15:25 0.100 15:25 0.100	Total Gallona Removed 0. #3 210 0. 26420 0. 39 630 0. 5284 0. 065 0. 79 21 0. 9577 1.0896 1.2219	Water Level (ft TIC) 10.19 10.17 10.17 10.17 10.17 10.15 10.15 10.15	YST.55 HALH T Temp. (Celcius) 12.76 12.66 12.65 12.65 12.69 12.67 12.59	Procedultie Pump Pump Type ( Samples collecte  URBIDIT  pH   0 t units *	Super Section 1461 A METER Sp. Cond. (mS/cm) [1%]*	Description of the second of t	000 25 3 7 00 (mg/l) (10% or 0 1 mg/l) 9.74 0.97 0.49 0.49 0.49 0.49 0.45 0.45	ORP (mV) (10 mV) (10 m
Pump Step Time Inutes of Pumping sturies of water removed d well go dry? Y N  Water Goald  Pump Rate (L/min.)  [4:40 0.125 (4:45 0.100 (4:50 0.100 (4:55 0.100 (5:05 0.100 (5:05 0.100 (5:15 0.100 (5:15 0.100 (5:15 0.100	Total Gallona Removed 0. #3 210 0. 26420 0. 39 630 0. 5284 0. 0605 0. 79 21 0. 9577 1.0896 1.2219	Water Level (ft TIC) 10.19 10.17 10.17 10.17 10.15 10.15 10.15 10.15	YST.55 HALH T Temp. (Celcius) 12.76 12.66 12.65 12.65 12.65 12.59 12.59 12.50	Proctable Pump Pump type ( Samples collect  URBIDIT  pH   0 tunits	X) Suit TEOPUM: red by summer med by summer	) Bisadder Promoted Parmoted P 2 P 2 P 2 P 2 P 2 P 2 P 2 P 2 P 2 P	000 25 3 7 00 (mg/l) (10% or 0 1 mg/l) 9.74 0.97 0.80 0.49 0.49 0.49 0.45 0.45	ORP (mV) [10 mV]  - 92.1  - 94.9  - 86.3  - 86.3  - 83.1  - 93.1
Pump Step Time Institute of water removed dwell go dry? Y N Water Qualiform Rate (L/min.) 14:49 0.125 14:45 0.100 15:00 0.100 15:10 0.100 15:15 0.100 15:15 0.100 15:25 0.100 15:25 0.100	Mater Type(s)/S  Total Gallona Removed  0.13.210 0.26420 0.34630 0.5284 0.0605 0.7920 0.9577 1.0898 1.2219	Water Level (ft TIC) 10.19 10.17 10.17 10.17 10.15 10.15 10.15 10.14 10.11	YST.55 HALH T Tomp. (Celcius) 12.76 12.66 12.66 12.65 12.59 12.59 12.59 12.50 12.50 12.60	Procedulitie Pump Pump Type ( Samples collecte  O DSC  ORBIDIT  pH   0 tunits *	Solution of the control of the contr	) Bisadder Promoted Particle P	0002537 00 (mg/l) (10% or 0 1 mg/l) (10% or 0 1	ORP (mV) (10 mV) (10 m

PID Background (ppm)		NS - 20	)				GE PITTS	FIEW)		
Well Neadpace (ppm)  Well Neadpace (ppm)  Well Diameter Dark Marked?  Well Darked Dark Marked?  Well Darked Darked?  Well Darked	Key No.				Samplin	g Personnel	KLB			
Relience Point Market 7 Neight of Reference Point   1.5   5.5   Neight of Reference Po	PID Back	kground (ppm)	0				10/16/1	03		Red lines
Reterence Point Market   N   Height of Reference Point   1   N   N   N   N   N   N   N   N   N	Well He	adspace (ppm)	_0			Weather	PARTY.	CHMY, 1	VINDY, 50-	55°F
Height of Reference Front = 0 : 5 Meas. From SCOUND   Screen Interval Despit 2 - 1/4   Meas. From TTC   Water Table Despit 2 - 1/4   Meas. From TTC   Required   Analytical Parameters   Collect   Water Table Despit   1   VOCs (Did. Biol.)   VOCs (	VELL INFORM	ATION						Sample Time	15:35	
Water Table Despite   Act   Meas From   GROUND   Spit Sample ID	Reference	e Point Marked7						Sample ID	NS-20	
Screen Interval Depth   16	Height of	Reference Point	-0.5	Meas. From	ground	)		Duplicate ID		
Water Table Despt. 15. 0.1 Meas. From TIC  Water Column 15. 0.1 Meas. From TIC  Length of Water Column 15. 0.1 Meas. From TIC  Length of Water Column 15. 0.1 Meas. From TIC  Intoke Depth of Lumphubing 11. 5. Meas. From TIC  Intoke Depth of Lumphu		Well Diameter	ainch		Ţ			MS/MSD		
Well Despt   15, O Li Meas From TTC   Required   Ansilytical Parameters   Collect					AROUND.			Split Sample ID		
Length of Water on Well   14   12   14   12   14   15   15   15   15   15   15   15	W:	iter Table Depth	6-09	Meas. From	TIC					
VoCa (Explist)   Voca		Well Depth		Meas. From	TIC		Required	Analytical	Parameters.	Collected
Intoke Depth of pumphubung   11. \$7'   Meras   From   11. \$1. \$1. \$2. \$1. \$2. \$1. \$2. \$1. \$3. \$1. \$2. \$1. \$2. \$2. \$2. \$2. \$2. \$2. \$2. \$3. \$2. \$2. \$3. \$2. \$3. \$3. \$3. \$3. \$3. \$3. \$3. \$3. \$3. \$3	Length of	Water Column	8.97				11 11	VOCs	(Std. list)	t i
PCBs (Total)   PCBs (Dissolved)	Valuma	of Water in Well	1.46200	L)			1 1	VOCs	(Exp.list)	0.0
PCBs (Total)   PCBs (Close)	Intake Depti	of pump/lubing	11:50	Meas, from	TIC		0.00	SV	/OCs	1 1
Metalsofnorg (Total)   Metalsofnorg (Total)   Metalsofnorg (Total)   Metalsofnorg (Total)   Metalsofnorg (Total)   Metalsofnorg (Dissolved)   Metalsofnorg (Dissolved)   Metalsofnorg (Dissolved)   Properties   Pr							1 1	PCBs	(Total)	1 9
OC Top all unitor (protectives) casing value(BSS Ground Surpose)  (added Signary (Dissolved) (PCDSP/CDFS (PCDSP) (	elerence Poir	it (dentification.					0 1	PCBs (I	Dissolved)	( )
PCDC#PCDFs   Pushfuro   Pcda	IC. Top of Inc	or (PVC) cases	4				1 1	Metals/In	org (Total)	1 1
PCDO_PPCDFs   Pushting   PCDO_PPCDFs   Pushting   PCDO_PPCDFs   Pushting	OC Tap at a	utor (protective)	casing				6 3	Metals/Inorg	g. (Dissolved)	0 3
Natural Attenuation   Colorer (Secrety)	rado/BGS (	round Surface					6 1	PCDD	s/PCDFs	( )
VACUATION INFORMATION							9.5	₽us	t/Hurb	( )
Cher (Soncily)   X   X   X   X   X   X   X   X   X	tedevelop?	Y (N .)					1 7	Natural /	Attenuation	1 0
Pump Stap Fixer   1   1   2   3   5   3   5   4   5   5   5   5   5   5   5   5							X			1 X 1
Pump Stap Final Standard Method Ballor ( ) Ellabler Plant ( ) Penshilla Plant ( ) Ellabler ( ) Penshilla Plant ( ) Ellabler ( ) Plant ( ) Penshilla Plant ( ) Ellabler ( ) Plant ( ) Penshilla Plant ( ) Ellabler ( ) Plant ( ) Penshilla Plant ( ) Ellabler ( ) Plant ( ) Plant ( ) Plant ( ) Penshilla Plant ( ) Plant	VACUATION	INFORMATION	4				MERCHRY	- FILTEREL	DAND UNFI	TERE
Penstatic Pump   Submirship Pump   Other/Spearly	P	umo Start Time	14:15							
Pound Type   Specified by same method as avaranteer?   N(specify)	7	amp Stop Town	15:43		19	syliciation Met	mod Baler (	) illander Pr	amp ( )	
Pound Type   GERPUMP   Symples collected by same method as avarantee?   N(specify)	Minutes of Pur	mulea	88			Peristalling Prom	oXi Su	omorsible Pemp (	) Other/Spc	afy ( 1
Wulter Quality Motor Type(s) / Small Numbers   ST 566   03C   46   A		10:	2 aal.		1	Point Type			_	
Wilter Quirbly Moter Type(s) / Serval Numbers   ST_556   03C (46)   A			0						7 (VD N(specify)	
Time Rate Gallons Level (Catclus) (msicm) (NTU) (mg/l) (mg/l) (msicm) (NTU) (mg/l) (mg/l) (msicm) (NTU) (mg/l) (mg/l) (msicm) (NTU) (mg/l) (mg/l) (mg/l) (msicm) (NTU) (low or 1 NTU) (low		Water Quality	Meter Type(s) / Si	nal Numbers \	IST 556 ACH TURBI			12000199	ho7	
Time Rate (Limin.) Removed (It TIC) (Colcius) (U I units)* (SSS)* (ITC)*		Pump	Total				The second secon	Turbidity	00	ORP
14   15   0.100	Time	Rate	Gallons	Lovel	(Colclus)		(mS/cm)	(NTU)	(mg/l)	(mV)
1413   0.100   0.2442   0.10		(Limin.)	Removed	(ft TIC)	[376]	(it tursts)*	[3%]*	[10% or 1 NTU]*	[10% or 0.1 mg/ll*	[10 mV]*
14:35	14:15	0.100		6.09	'-	_	_	79	-	-
14 3 4 0 0.100 0.53 4 6.11 14.55 6.33 0.38 3 29 1.80 135 14.37 0.100 0.53 4 6.11 14.50 6.28 0.38 5 21 0.49 131 14.47 0.100 0.79 6.11 14.49 6.26 0.38 5 21 0.41 12.11 14.62 0.100 0.92 7 6.11 14.41 0.26 0.38 7 1 0.30 12.11 14.57 0.100 0.92 7 6.12 14.41 0.26 0.38 7 0.30 12.11 14.57 0.100 1.05 6 6.11 2 14.19 6.24 0.38 16 0.34 13.15 0.2 0.100 1.8 9 6.12 14.09 6.24 0.38 16 0.34 13.15 0.7 0.100 1.3 2.10 6.12 14.09 6.23 0.39 15 0.24 13.0 15.12 0.100 1.4 5.31 6.12 13.9 6.23 0.39 12 0.32 13.15 17 0.100 1.5 5.2 1.12 13.9 6.23 0.39 12 0.22 13.15 17 0.100 1.5 5.2 1.12 13.9 6.23 0.39 12 0.22 13.15 17 0.100 1.5 5.2 1.12 13.9 6.23 0.39 10 0.21 12 15.17 0.100 1.5 5.2 1.12 13.5 6.2 0.39 0.39 0.0 0.21 12 15.17 0.100 1.5 5.2 1.12 13.5 7 6.23 0.39 0.0 0.21 12 12.15 17 0.100 1.5 5.2 1.12 13.5 7 6.23 0.39 0.20 10 0.21 12 12.15 17 0.100 1.5 5.2 1.12 12.15 17 0.20 10 0.21 12 12.15 12	14:25		112142		_		_	53	_	_
14:37   0.100   0.5284   6.11   14.55   6.33   0.38:5   29   1.80   13:14.2   0.100   0.6605   6.11   14.50   6.26   0.385   21   0.48   13:14.47   0.100   0.76:06   6.11   14.49   6.26   0.388   21   0.41   12:06   12:0					-	_	-		-	~
14:42   0.100   0.4605   6.11   14.60   6.26   0.385   21   0.48   131     14:47   0.100   0.7926   6.11   14.49   6.26   0.388   21   0.41   120     14:52   0.100   0.9247   9.12   14.41   0.26   0.388   17   0.30   120     14:57   0.100   1.0565   6.11   14.19   6.24   0.388   16   0.34   130     15:02   0.100   1.1889   6.12   14.09   6.24   0.389   16   0.34   130     15:07   0.100   1.3210   6.12   13.96   6.23   0.390   13   0.22   130     15:12   0.100   1.4531   6.12   13.92   6.23   0.390   13   0.22   130     15:17   0.100   1.5652   1.12   13.97   6.23   0.390   10   0.21   12     The stabilization critera for each field parameter (litree consecutive readings collected at 3-10.5-minute intervals) is listed in each column heading.    DESERVATIONS/SAMPLING METHOD DEVIATIONS   13.700   10   0.21   12     The Stabilization Critera for each field parameter (litree consecutive readings collected at 3-10.5-minute intervals) is listed in each column heading.    DESERVATIONS/SAMPLING METHOD DEVIATIONS   13.700   10   0.21   12     DEVIATE   13.700   13.700   13.700   13.700   10   0.21   13.700   1		And the Control of the Control of the Control		The second secon	14.55	6,33	0.383	29	1.80	135.1
		100			44.45				0.49	131.4
14:52 0.100 0.9247 4.12 14.41 0.26 0.388 17 0.30 120 14:57 0.100 1.0568 0.112 14.19 6.24 0.388 16 0.34 130 15:02 0.100 1.1899 0.12 14.09 6.34 0.399 15 0.24 130 15:07 0.100 1.3210 6.12 13.96 6.23 0.390 12 0.22 130 15:12 0.100 1.4531 6.12 13.92 6.23 0.390 12 0.22 130 15:17 0.100 1.5652 6.12 13.97 6.23 0.390 10 0.21 120 The stabilization critera for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading.  OBSERVATIONS/SAMPLING METHOD DEVIATIONS INTIDL PURGE: LIGHT YELDW-PROWN, TURBID, CUDDY, OPORLES S FINAL PURGE: LIGHT YELDW-CLENK, OPORLES  SAMPLE DESTINATION  Latoratory: 565 Delivered Via: 675	and the last of th		10.7926			The state of the s	The second section of the second section is a second section of the second section of the second section is a second section of the s	21		129.4
14:57   0.100   1.0568   6.12   14.19   6.24   0.388   16   0.34   13.0   15   0.24   13.0   15   0.24   13.0   15.07   0.100   1.3210   6.12   13.96   6.23   0.390   12   0.22   13.0   15:12   0.100   1.4531   6.12   13.92   6.23   0.364   12   0.22   13.0   15:17   0.100   1.5652   1.12   13.97   6.23   0.390   10   0.21   13.97   13.97			0.9047				0.388	17	0.30	129.1
15 02 0 100 1.1569 6.12 14.09 6.24 0.369 15 0.24 136 15:07 0.100 1.3210 6.12 13.96 6.23 0.390 12 0.22 136 15:12 0.100 1.4531 6.12 13.92 6.23 0.369 12 0.22 126 15:17 0.100 1.5652 6.12 13.97 6.23 0.390 10 0.21 12 The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading. 08servations/sampling method deviations INTIDL PURGE: LIGHT YELOW-PROWN, TURPID, CLOUDY, ODORLESS FINAL PURGE: LIGHT YELOW, CLENK, ODORLESS  SAMPLE DESTINATION Latoratory: SGS Delivered Via: 675	14.67		10549					160	0.34	130.
15:07 0.100 1.3210 6.13 13.96 6.33 0.390 13 0.32 13.15:12 0.100 1.4531 6.13 13.93 6.33 0.368 13 0.32 13.15:17 0.100 1.5652 1.13 13.93 6.33 0.368 13 0.32 13.15:17 0.100 1.5652 1.13 13.97 6.23 0.390 10 0.31 13.15:17 0.100 1.5652 1.13 13.97 6.23 0.390 10 0.31 13.15:17 0.100 1.5652 1.13 13.97 6.23 0.390 10 0.31 13.15:17 0.100 1.5652 1.13 13.97 6.23 0.390 10 0.31 13.15:17 0.100 1.5652 1.13 13.97 6.23 0.390 10 0.31 13.15:17 0.100 0.31 13.15:17 0.300 0.				1 4 1 4 5 1 TO 1 2 2 7			12.249		0.24	130.4
15:12 0.100 1.4531 4.12 13.92 4.23 0.364 1.2 0.22 12.  15:17 0.100 1.5652 1.12 13.87 4.23 0.340 10 0.21 12  The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading.  OBSERVATIONS/SAMPLING METHOD DEVIATIONS  INTIDIC PURGE: LIGHT YELOW-PROWN, TURPID, CLOUDY, ODORLESS  FINAL PURGE: LIGHT YELOW, CLENK, ODORESS  SAMPLE DESTINATION  Latoratory: 5.6.5  Delivered Via: 4.75	15:07	10 1000		T 0.50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			0.390	1 2		130.
The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading.  OBSERVATIONS/SAMPLING METHOD DEVIATIONS  INTIDL PURGE: LIGHT YELOW-PROWN, TURBID, CLOUDY, ODORLESS  FINAL PURGE: LIGHT YELOW, CLEAR, ODORESS  SAMPLE DESTINATION  Laboratory. SGS  Delivered Via: UPS	15:01	-			1297		0.360			129.9
The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading.  OBSERVATIONS/SAMPLING METHOD DEVIATIONS  INTIDIAL PURGE: LIGHT YELLOW-PROWN, TURBID, CLOUDY, ODORLES S  FINAL PURGE: LIGHT YELLOW, CLEAR, ODORES  SAMPLE DESTINATION  Laboratory: 5 G 5  Delivered Via: 4 P 5	12:12	The second secon	10 49 10	4112				1.12.12.12.1		129.
OBSERVATIONS/SAMPLING METHOD DEVIATIONS  INTITUL PURGE: LIGHT YELLOW-BROWN, TURBID, CLOUDY OPORLESS  FINAL PURGE: LIGHT YELLOW, CLEAR, ODORESS  SAMPLE DESTINATION  Latoratory: JGJ  Delivered Via: UPS	15.17			1411						1.0
INTITUL PURGE: LIGHT YELLOW-BROWN, TURBID, CLOUDY, ODORLESS  FINAL PURGE: LIGHT YELLOW, CLEDR, ODORLESS  SAMPLE DESTINATION  Laboratory: 563  Delivered Via: UPS	OBSERVATIO	tion criteria for e	ach field paramet	ATIONS	cutive readings &	ollected at 3- to	5-minute intervi	us) is listed in each	r column heading.	
SAMPLE DESTINATION  Latoratory: SGJ  Delivered Via: UPS	INTIDL	- PURGE	: LIGHT	YELLOW-	BROWN:	TURBID	anous.	t, aporl	E3.S	
SAMPLE DESTINATION  Laboratory: 5G5  Delivered Via: UP5	FINAL	PURAF	: LIGHT	YELLOW	U. CLE'N	R, 000	aess.	2/.		
Latoratory: SGS Delivered Via: UPS	11-110	- Charle			1					
Latoratory: SGS Delivered Via: UPS										
Latoratory: SGS Delivered Via: UPS	SAMPLE DES	MOITANITE								
Delivered Via: UPS										~-
				-	÷:					1
Arton #					77	Field Samplin	n Coordinator	1/2	1 20	
	Airoil	-				,a campin			,	

Well No.	MS-50			Site	VGMA Name (		FIELL)		
Key No.	-	AMILIA TO THE PARTY OF THE PART		Samplin	ng Personnel	KLB	le:		
	ground (ppm)		0.500111-0-0-0	-0	Date	10/10/0	3		
Well Hea	dspace (ppm)	0			Weather	PARTLY'S	NIM, FING	04,50-55	ว์"
ELL INFORM	ATION	_					Sample Time	15:35	
Reference	Point Marked?	(A) N					Sample ID	NS-20	
Height of F	Reference Point	-0.5	deas, From	GROUND			Duplicate ID	_	
	Weil Diameter	3 IN CLI					MS/MSD	_	
Screen	n Interval Depth	6-16'	Meas From	GROUND			Split Sample ID	_	
Wa	ter Table Depth		Meas, From	TIC					
	Well Depth	15.06'	leas. From	TIL		Required	Analytical	Parameters:	Collectea
	Water Column	8,97	0			4 1	VOCs	(Std. list)	( )
Volume o	of Water in Well	1.402 ga				1 2	VOCs	(Exp.list)	C 35
Intake Depth	of pump/tubing	11.5	Aras, From	TIC		1 1	sv	OC5	5 3
						1 5	PCBs	(Total)	4 1
erenca Point	t Identification:					1 2	PCBs (C	Dissolved)	4 1
C. Top of Inn	er (PVC) casing					1 1	Metals/In	org. (Total)	(i, 3)
DC, Top at ou	ster (protective) o	asing				t 1	Metals/Inorg	j. (Dissolved)	63 Y
rade/BGS: Gr	round Surface					( )	PCDDs	s/PCDFs	65 3
						r 1		v/Horb	1 7
edevelop?	Y (N)					1 1	Natural A	Attenuation	1 7
						( )		(Specify)	(20)
	INFORMATION Jump Start Time	14:15				MERCUR	Y . FILTER	ED AND U	WITHTER
olunia of wato	r removed	agal					ithod as evacuation	7 Y N(specify)	
alunie of wata id well go dry)	r removed N	_agal uter Type(s) / Se	rai Numbers	VS) 5	Samples delled 56	GEOP IN 101 by saline inc 03C 146	thod as evacuation  A1	er in sunaeenn	
olunie of wato id wall go dry)	r romtovert  Y N  Water Quality M			VSI 5	Samples delled 56 No DIME	GEOF UN 03C 146 TER	hod as evacuation A1 901200	0019807	
blunie of wate	Y N Water Quality M	Total	Water	VCI 5 HACH TI	Samples delled 56	GEOFUN 03C 140 TEIC Sp. Cond.	Al 951200 Turbidity	0019867	ORP
olunie of wato d wull go dry?	Water Quality M Pump Rate	Total Gallons	Water Level	VCI 5 HACH TI Temp. (Celclus)	Samples delled 56 KB 1D ME pH	GEOF UN 03C 146 TER	hod as evacuation A1 901200	0019867 DO (mg/i)	
alunia of wata id well go dry) Time	Water Quality N Pump Rate (Limin.)	Total	Water Level (ft TIC)	VCI 5 HACH TO Temp. (Getclus)	Samples defled 556 MB1DIME pH 191 uans)*	GEOF UN and by same mes OSC 146 TER Sp. Cond. (mS/cm)	AI 901200 Turbidity (NTU)	0019807 DO (mg/l) [10% or 0.1 mg/l]	ORP (mV)
olunio of wato id well go dry/	Water Quality N Pump Rate (L/min.)	Total Gallons Removed	Water Level	VCI 5 HACH TO Temp. (Gelclus) [3%]*	Samples defled S.5 G M.S.1DIME pH 10 1 tams)* C.22	GEOF UN and by same mes OSC 146 TER Sp. Cond. (mS/cm) [3%]* O-389	Mod as evacuation  A1  901200  Turbidity  (NTU)  110% or 1 NTU	0019867 DO (mg/i)	ORP (mV) [10 mV]*
olunio of wato ict well go dry/ Time	Water Quality N Pump Rate (Limin.)	Total Gallons Removed	Water Level (ft TIC)	VCI 5 HACH TO Temp. (Getclus)	Samples defled 556 MB1DIME pH 191 uans)*	GEOF UN and by same mes OSC 146 TER Sp. Cond. (mS/cm)	Mod as evacuation  A1  951200  Turbidity  (NTU)  FIGURANT INTURE  9	0019807 DO (mg/l) [10% or 0.1 mg/l].	ORP (mV) [10 mV]*
Time	Water Quality N Pump Rate (L/min.)	Tetal Gallons Removed 1,7173	Water Level (ft TIC)	VCI 5 HACH TI Temp. (Getclus) [3%]*	Samples defled 56 150 15101M6 pH 101 tams) 1,22 1,23	GEOF UN and by same me O 3C 1 4 to TER. Sp. Cond. (mS/cm)   19% *   0 . 389    0 . 389	Mod as evacuation  A1  951200  Turbidity  (NTU)  1*0**C or 1 NTU	0019807 DO (mg/l) [10% or 0.1 muri]* 0:21 0:22	ORP (mV) [10 mV]* 129.4
Time	Water Quality N Pump Rate (L/min.)	Tetal Gallons Removed 1,7173	Water Level (ft TIC)	VCI 5 HACH TI Temp. (Getclus) [3%]*	Samples defled 56 150 15101M6 pH 101 tams) 1,22 1,23	GEOF UN and by same me O 3C 1 4 to TER. Sp. Cond. (mS/cm)   19% *   0 . 389    0 . 389	Mod as evacuation  A1  951200  Turbidity  (NTU)  1*0**C or 1 NTU	0019807 DO (mg/l) [10% or 0.1 muri]* 0:21 0:22	ORP (mV) [10 mV]* 129.4
Time	Water Quality N Pump Rate (L/min.)	Tetal Gallons Removed 1,7173	Water Level (ft TIC)	VCI 5 HACH TI Temp. (Getclus) [3%]*	Samples defled 56 150 15101M6 pH 101 tams) 1,22 1,23	GEOF UN and by same me O 3C 1 4 to TER. Sp. Cond. (mS/cm)   19% *   0 . 389    0 . 389	Mod as evacuation  A1  951200  Turbidity  (NTU)  1*0**C or 1 NTU	0019807 DO (mg/l) [10% or 0.1 muri]* 0:21 0:22	ORP (mV) [10 mV]* 129.4
Time	Water Quality N Pump Rate (L/min.)	Tetal Gallons Removed 1,7173	Water Level (ft TIC)	VCI 5 HACH TI Temp. (Getclus) [3%]*	Samples defled 56 150 15101M6 pH 101 tams) 1,22 1,23	GEOF UN and by same me O 3C 1 4 to TER. Sp. Cond. (mS/cm)   19% *   0 . 389    0 . 389	Mod as evacuation  A1  951200  Turbidity  (NTU)  1*0**C or 1 NTU	0019807 DO (mg/l) [10% or 0.1 muri]* 0:21 0:22	ORP (mV) [10 mV]* 129.4
Time 15:32 15:27	Water Quality N Pump Rate (L/min.)	Tetal Gallons Removed 1,7173	Water Level (ft TIC)	VCI 5 HACH TI Temp. (Getclus) [3%]*	Samples defled 56 150 15101M6 pH 101 tams) 1,22 1,23	GEOF UN and by same me O 3C 1 4 to TER. Sp. Cond. (mS/cm)   19% *   0 . 389    0 . 389	Mod as evacuation  A1  951200  Turbidity  (NTU)  1*0**C or 1 NTU	0019807 DO (mg/l) [10% or 0.1 muri]* 0:21 0:22	ORP (mV) [10 mV]* 129.4
Time	Water Quality N Pump Rate (L/min.)	Tetal Gallons Removed 1,7173	Water Level (ft TIC)	VCI 5 HACH TI Temp. (Getclus) [3%]*	Samples defled 56 150 15101M6 pH 101 tams) 1,22 1,23	GEOF UN and by same me O 3C 1 4 to TER. Sp. Cond. (mS/cm)   19% *   0 . 389    0 . 389	Mod as evacuation  A1  951200  Turbidity  (NTU)  1*0**C or 1 NTU	0019807 DO (mg/l) [10% or 0.1 muri]* 0:21 0:22	ORP (mV) [10 mV]* 129.4
Time 15:27 15:31	Water Quality N Pump Rate (Limin.)  0.100  0.100	Total Gallons Removed 1,7173 1,9494 1,9551	Water Level (ft TIC) 6.12 (e, 12	VCI 5 HACH TI Temp. (Gelchus) 13.83 13.89 13.96	Samples deflect  56  MS (D) ME  pH  [9 1 tams]*  6, 22  6, 23  6, 23	GEOF UN  GEOF UN  GEOF UN  GEOF UN  GEOF UN  GEOF  GEO	AI 991200 Turbidity (NTU) 1*0*C or 1 NTU *	0.21 0.21 0.22 0.22	ORP (mV) [10 mV]* 129.4
Time 15:22 15:27 15:31	Water Quality N Pump Rate (Limin.) 0,100 0,100 0,100	Total Gallons Removed 1, 7173 1, 9494 1, 9551	Water Level (ft TIC)  6.13  19.13	VCI 5 HACH TI Temp. (Gelchus) 13.83 13.89 13.96	Samples deflect  56  MS (D) ME  pH  [9 1 tams]*  6, 22  6, 23  6, 23	GEOF UN  GEOF UN  GEOF UN  GEOF UN  GEOF UN  GEOF  GEO	Mod as evacuation  A1  951200  Turbidity  (NTU)  1*0**C or 1 NTU	0.21 0.21 0.22 0.22	ORP (mV) [10 mV]* 129.4
Time 15:22 15:27 15:31	Water Quality N Pump Rate (Limin.) 0,100 0,100 0,100	Total Gallons Removed 1,7173 1,9494 1,9551	Water Level (ft TIC)  6.13  19.13	VCI 5 HACH TI Temp. (Gelchus) 13.83 13.89 13.96	Samples deflect  56  MS (D) ME  pH  [9 1 tams]*  6, 22  6, 23  6, 23	GEOF UN  GEOF UN  GEOF UN  GEOF UN  GEOF UN  GEOF  GEO	AI 991200 Turbidity (NTU) 1*0*C or 1 NTU *	0.21 0.21 0.22 0.22	ORP (mV) [10 mV]* 129.4
Time 15:22 15:27 The stabilizat	Water Quality N Pump Rate (Limin.) 0,100 0,100 0,100	Total Gallons Removed 1, 7173 1, 9494 1, 9551	Water Level (ft TIC)  6.13  19.13	VCI 5 HACH TI Temp. (Gelchus) 13.83 13.89 13.96	Samples deflect  56  MS (D) ME  pH  [9 1 tams]*  6, 22  6, 23  6, 23	GEOF UN  GEOF UN  GEOF UN  GEOF UN  GEOF UN  GEOF  GEO	AI 991200 Turbidity (NTU) 1*0*C or 1 NTU *	0.21 0.21 0.22 0.22	ORP (mV) [10 mV]* 129.4
Time 15:22 15:27 The stabilizat	Water Quality N Pump Rate (Limin.) 0,100 0,100 0,100	Total Gallons Removed 1, 7173 1, 9494 1, 9551	Water Level (ft TIC)  6.13  19.13	VCI 5 HACH TI Temp. (Gelchus) 13.83 13.89 13.96	Samples deflect  56  MS (D) ME  pH  [9 1 tams]*  6, 22  6, 23  6, 23	GEOF UN  GEOF UN  GEOF UN  GEOF UN  GEOF UN  GEOF  GEO	AI 991200 Turbidity (NTU) 1*0*C or 1 NTU *	0.21 0.21 0.22 0.22	ORP (mV) [10 mV]* 129.4
Time  15:22 15:27 15:31	Water Quality M Pump Rate (L/min.)  O. 100  O. 100  J. 100	Total Gallons Removed 1, 7173 1, 9494 1, 9551	Water Level (ft TIC)  6.13  19.13	VCI 5 HACH TI Temp. (Gelchus) 13.83 13.89 13.96	Samples deflect  56  MS (D) ME  pH  [9 1 tams]*  6, 22  6, 23  6, 23	GEOF UN  GEOF UN  GEOF UN  GEOF UN  GEOF UN  GEOF  GEO	AI 991200 Turbidity (NTU) 1*0*C or 1 NTU *	0.21 0.21 0.22 0.22	ORP (mV) [10 mV]* 129.4
Time  15-32 15:37 15:37 The stabilizations SAMPLE DES	Water Quality M Pump Rate (Limin.)  O. 100  O. 100  J.	Total Gallons Removed 1, 7173 1, 9494 1, 9551	Water Level (ft TIC)  6.13  19.13	VCI 5 HACH TI Temp. (Gelchus) 13.83 13.89 13.96	Samples deflect  56  MS (D) ME  pH  [9 1 tams]*  6, 22  6, 23  6, 23	GEOF UN  GEOF UN  GEOF UN  GEOF UN  GEOF UN  GEOF  GEO	Turbidity (NTU) (NTU) (NTU) (NTU) (NTU) (NTU) (NTU) (NTU)	0019807 00 (mg/l) 10% or 0.1 mg/l) 0.21 0.32 0.32	ORP (mV) [10 mV]· 129.14 128.7 127.5
Time  15:22 15:27 15:31 The stabilizations sample des	Water Quality M Pump Rate (Limin.) O. 100 O.	Total Gallons Removed 1, 7173 1, 9494 1, 9551	Water Level (ft TIC)  6.13  19.13	VCI 5 HACH TI Temp. (Gelchus) 13.83 13.89 13.96	Samples deflect  56  MS (D) ME  pH  [9 1 tams]*  6, 22  6, 23  6, 23	GEOF UN  GEOF UN  GEOF UN  GEOF UN  GEOF UN  GEOF  GEO	Turbidity (NTU) (NTU) (NTU) (NTU) (NTU) (NTU) (NTU) (NTU)	0.21 0.21 0.22 0.22	ORP (mV) [10 mV]· 129.14 128.7 127.5

	FX-37							)-GMA-	
					g Personnel	KLB	/GAR		
PID Background (ppm) O Well Headspace (ppm)					Date	10/17	103		
110111100	ispace (ppm)	0			Weather	PARTL		50°F	
WELL INFORM	ATION						Sample Time	16:17	
	Point Marked?	(D) "					Sample ID	NS-37	
	eference Point	2.46" N	teas From (	ARCUND			Duplicate ID	-W2-31	
rseight at r				TEOODD			MS/MSD	4704	
- 20.55Screen	Well Diameter		2inch teas From ≃	7/ 600000			Sgat Sample ID	_	
		The state of the s		AC GROUND	2		Shar Sauther ID		
449	er Table Depth			TC.		Dogwood	Appletion	Daramalar	Callega
* annulle ad	Well Depth Water Column	19.33.	feas From	TIC		Required		Parameters: (Std. list)	Collecti
		217 90110	11			10.0		(Exp.iis1)	
		The state of the s	دنم Meas, From	TIC		E 8		OCs	
intake Deptin	of pump/tubing	10.0	neas, rrom	110		5 6		(Total)	
erano con esca	WHO SEE WAS A SECTION					1 1		Dissolved)	
Reference Poin						0 9			- 0
TIC. Top of lan						E 1		org. (Total)	4
TCC: Top of ou		casing				1		g (Dissolved) s/PCDFs	- 8
Grade/BGS; Gr	ound Surface					1 1			- 5
	. (					10 10		t/Herb Altenuation	
(株式の大学工具を表現している。	i Cay					Land I			
Redevelop?						1 X 1	Uther	(Speraty)	1
EVACUATION					ne		TEKEN AUT	UNFICTETLE	ED
EVACUATION P	imp Start Time	14:12				ELURY-FI		UNACTERLE	ED
EVACUATION Pr	imp Start Time imp Stop Finin	14:12			Evaciention Mot	ELURY-Fil tood Bailor (	1 Akukker Pi	intipX )	
EVACUATION Pr Pr Minutes of Pun	imp Start Time imp Stop Finin iping	14:12 16:30 138			Evacietion Mot Peristallic Pum	ELURY - Fil host Bailor ( o ( ) Si	) Hudder Po demorsabje Pump (	empX) L OtreuSpe	
EVACUATION Pr Pr Minutes of Pur Valume of wate Did well go dry	imp Start Time imp Step Finin ipping Framoved Y	14:12		YSI 55 U	Evacuetion Mot Peristatic Pump Pump Type (1) Samples collect * 03C	ELURY - Fil hod Bailer ( a ( ) Si nARS CH A) tod by same me	) Bludder Property Street System (CIC System Blood as evacuation	Official Specify)	saly ( )
EVACUATION Pr Pr Minutes of Pun Valume of wate Did well go dry	imp Start Time imp Step Finin ipping Framoved Y	14:12 16:30 138 4.25gallo		YSI 55 U	Evacetion Mot Peristatic Pump Pump Type 10 Samples collect	ELURY - Fil hod Bailer ( p ( ) Si nARS CH A) tod by same me	) Alwider Po demorsible Portip ( CIC SYSTEM	Official Specify)	saly ( )
EVACUATION Pr Pr Minutes of Pur Valume of wate Did well go dry	imp Start Time imp Step Finin ipping Framoved Y	14:12 16:30 138 4.25gallo		YSI 55 U	Evacuetion Mot Peristatic Pump Pump Type (1) Samples collect * 03C	ELURY - Fil hod Bailer ( p ( ) Si nARS CH A) tod by same me	) Bludder Property Street System (CIC System Blood as evacuation	Official Specify)	saly ( )
EVACUATION Pr Pr Minutes of Pur Valume of wate Did well go dry	imp Start Time imp Step Time iping rentioned Y N	[4:12 16:30 138 4.259 Mile	nal Neerbers	YSI 55 ( Hách T	Evacietion Mot Peristritic Puris Pump Type 10 Samples collect • 03C V28101005	FLURY - Filter ( p. ( ) Summer	) Bladder Proposition of System (CAS System of	CthenSpe  CthenSpe  N I  N(specify)  25376  DO  (mg/l)	ore
EVACUATION Pri Pri Minutes of Pun Valume of wate Did well go dry	imp Start Time imp Step Finin ipping rantioved Y N Water Quality N	[4:12 /6:30 /38 4.25 q./le*	mal Numbers Water	YSI 55 U HACH T Temp.	Evacietion Mot Peristritic Puris Pump Type 10 Samples collect • 03C V28101005	FLURY - File hext Barler ( p. ( ) Su nARS CHA lood by same me HADL AL TER Sp. Cond.	) Bladder Property of System (CAS System of Sy	CthenSpe CthenSpe N I N(specify)	xaly ( )
EVACUATION Pri Pri Minutes of Pun Valume of wate Did well go dry	imp Start Time imp Stop Finin ipping reintoved Y N Water Quality N Pump Rate	[4:12 /6:30 /38 4.25 q./le* feter Type(s)/Set Total Gallons	ma fluerbors Water Lovel	YSI 55 U HACH T Temp. (Celclus)	Evacuerium Mot Perestallic Pura Purap Eype 10 Samples collect * 030 VPBIDIME pH	FLURY - File hood Banker ( p. ( ) Su  MARS CH A  tool by same me  HOL A  TER  Sp. Cond.  (mS/cm)	) Bladder Proposition of System (CAS System of	CthenSpe  CthenSpe  N I  N(specify)  25376  DO  (mg/l)	ORF
EVACUATION Pripe Minutes of Pun Valume of wate Did well go dry	Imp Start Time Imp Stop Finin Ipping Frantiaved Y N Water Quality N Pump Rate [Umin.]	[4:12 /6:30 /38 4:25 qu/lor feter Type(s) / Sur Total Gallons Removed	Water Lovel (fr TIC)	YSI 55 U HACH T Temp. (Celclus)	Evacuation Mot Perestatic Pump Pump Type 10 Samples collect  # 03C V281010% pH  [0.1 units]*	FLURY - File hood Banker ( p. ( ) Su  MARS CH A  tool by same me  HOL A  TER  Sp. Cond.  (mS/cm)	) Bladder Property of System (CAS System of Sy	Other/Specify)  2.53.76  DO  (mg/l)  (10% or 0.1 mg/l)	ORF
EVACUATION Property of Pure Andrews of Pure	imp Start Time imp Step Finin iping removed Y N  Water Quality N  Pump Rate (Umin.)	[4:12 /6:30 /38 Y.25qu/letal Type(s)/Set Total Gallons Removed	Water Lovel (fr TIC) 10:27	YSI 55 U HACH T Temp. (Celclus)	Evacuation Mot Puristatic Puris Pump Type 10 Samples collect # 03C V28101MG pH	FLURY - File hood Banker ( p. ( ) Su  MARS CH A  tool by same me  HOL A  TER  Sp. Cond.  (mS/cm)	Demonstration Pump (CIA SYSTEM About as evaluation of the System About a servicus of the System About a service of the Syst	Other/Specify)  2.53.76  DO  (mg/l)  (10% or 0.1 mg/l)	ORF
EVACUATION Property of Pure Pure Property of Pure Pure Property of Pure Pr	mp Start Time mp Stop Finin ipping reithoved Y N  Water Quality N  Pump Rate (Umin.)  0.100 0.100 0.100	[4:12 /6:30 /38 4:25 qu/lor feter Type(s) / Ser Gallons Removed 0.2642 0.5284	Water Lovel (fr TIC) 10.27 10.25	YST 55 U HACH T Temp. (Celclus) [3%]*	Evacuation Mot Puristatic Puris Pump Type 10 Samples collect # 03C V28101MG pH	FLURY - File thext Banker ( p. ( ) Su  MARS CH A  Model by same me  HAU A  TEL  Sp. Cond.  (mS/cm)  [3%]*	Demonstration Pump (CIA SYSTEM About as evacuation of Turbidity (NTU) 110% or 1 NTU!	Other/Specify)  2.53.76  DO (mg/l)  (10% or 0.1 mg/l)*	ORF (mV (10 m)
EVACUATION Property of Pure Valume of wate Olid well go dry of the Pure Valume of wate Olid well go dry of the Pure Valume of t	mp Start Time mp Stop Finin ipping reithoved Y N Water Quality N Pump Rate (Umin.) 0.100 0.100 0.100	[4:12 /6:30 /38 4.259./letal Sallons Fotal Gallons Removed 0.2642 0.3284 0.7926	Water Lovel (fr TIC) 10.27 10.25 10.21	YST 55 C HACH T Temp. (Celclus) [3%)	Evacuerium Mot Purestatus, Pura Pump Type 10 Samples collect 203C V28101MS pH	PLURY - File thext Banker ( p. ( ) Su PLAR S CH A food by same me FIEL Sp. Cond. (mS/cm) [3%]	1) Bladder Property of the System (CIA Sys	Other/Specify)  2.53.76  DO (mg/l)  (10% or 0.1 mg/l)*	ORF (mV
EVACUATION Property of Pure Valume of water Olid well go dry of the Pure Valume of water Olid well go dry of the Pure Valume of	mp Start Time mp Step Finin ipping reithoved Y  Water Quality N  Pump Rate (Umin.)  0.100 0.100 0.100 0.100 0.100	[4:12 /6:30 /38 Y.25q./letal fotal Gallons Removed 0.2642 0.5284 0.7926 [.0548	Water Lovel (fr. TIC) 10.27 10.25 10.21 10.20	YST 55 C HACH T Temp. (Celetus) (3%)*	Evacuerium Mot Puristatiic Puris Pump Eyper (1) Samples collect / 03C VLB (D I MC pH	PLURY - Filter ( p. ( ) Surfer	) Bladder Property of the System (CIA Syst	Other/Specify)  2.53.76  DO (mg/l) (10% or 0.1 mg/l)	ORF (mV
Time  14 12 14:22 14:32 14:40 14:50 15:02	mp Start Time mp Stop Finin ipping reithlowed Y Water Quality N Pump Rate (Umin.) 0.100 0.100 0.100 0.100 0.100 0.100	[4:12 /6:30 /38 Y.25 q./le feter Type(s)/Ser Total Gallons Removed 0.2642 0.5284 0.7926 1.0548	Water Level (n. 110) 27 10, 25 10, 20 10, 20 10, 20 10, 20	YST 55 C HACH T Temp. (Celetus) (3%)*	Evacuerium Mot Purestatiic Pures Pump Type 10 Samples collect / 03C VLB DTMC pH 10.1 units)*	host Barler (  ARSCHA)  TORE  Sp. Cond.  (mS/cm)  [3%]	1) Bladder Property of the System (CIA Sys	Other/Specify)  2.53.76  DO (mg/l)  (10% or 0.1 mg/l)*	ORF (mV
Time  14 12 14:22 14:32 14:40 15:02 15:12	mp Start Time mp Stop Finin ipping rathloved Y  Water Quality N  Pump Rate (Umin.)  0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	[4:12 /6:30 /38 Y-25q./le feter Type(s)/Ser Total Gallons Removed 0.2642 0.5284 0.7926 1.0548 1.3310 1.5651	Water Lovel (ft TIC) 10.27 10.25 10.20 10.20 10.15 10.17	YST 55 C HACH T Temp. (Celclus) [3%]*	Evacuation Mot Puristatic Puris Pump Type 10 Samples collect # 03C VLB (D1M) pH (0.1 units)*	host Barler (  ARSCHA)  TORE  Sp. Cond.  (mS/cm)  [3%]	1 Bladder Property of the System (NTU)  10% or 1 NTU]  320  530  526  199  149  123  64  59	Other/Specify)  2.53.76  DO (mg/l) (10% or 0.1 mg/l)*	ORF (mV
Time  14 12 14:22 14:32 14:52 14:52 15:02	mp Start Time mp Step Finin ipping reithoved Y  Water Quality N  Pump Rate (Umin.)  0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	14:12 16:30 138 9:25 q./le feter Type(s)/Ser Total Gallons Removed 0.2642 0.5284 0.7926 1.0548 1.3310 1.5651 1.6494	Water Lovel (fi TIC) 10.27 10.25 10.20 10.20 10.15 10.16	YST 55 C HACH T Temp. (Celclus) [3%]*	Evacuation Mot Puristatic Puris Pump Type 10 Samples collect # 03C VLB (D1M) pH (0.1 units)*	host Barler (  ARSCHA)  TORE  Sp. Cond.  (mS/cm)  [3%]	1 Bladder Property of the System (System of System of Sy	Other/Specify)  2.53.76  DO (mg/l) (10% or 0.1 mg/l)*	ORF (mV
Time  14 12 14:22 14:32 14:52 14:52 15:02 15:12	mp Start Time mp Step Finin ipping reithoved y (4)  Water Quality N  Pump Rate (Umin.)  0.100  0.100  0.100  0.100  0.100  0.100  0.100  0.100  0.100  0.100  0.100  0.100  0.100  0.100  0.100	14:12 16:30 138 9:25 q./le fotal Gallons Removed 0.2642 0.5284 0.7926 1.0568 1.3210 1.5651 1.6494 2.1136	Water Level (6 TIC) 10.27 10.25 10.20 10.20 10.16 10.17	YST 55 C HACH T Temp. (Celclus) [3%]*	Evacuation Mot Puristatic Puris Pump Type 10 Samples collect # 03C VLB (D1000 pH	host Barler (  ARSCHA)  TORE  Sp. Cond.  (mS/cm)  [3%]	1 Bladder Proportion of the System of the Sy	Other/Specify)  2.53.76  DO (mg/l) (10% or 0.1 mg/l)*	ORF (inV (10 m)
Time  14 12 14:22 14:32 14:52 15:12 15:32 16:37	mp Start Time mp Step Finin ipping removed y (4)  Water Quality N  Pump Rate (Umin.)  0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	14:12 16:30 138 9.25 q./le  fotal Gallons Removed 0.2442 0.7926 1.0548 1.3210 1.5851 1.6494 2.1136 2.2457	Water Level (fr TIC) 10.27 10.25 10.20 10.16 10.19 10.19	YST 55 C HACH T Temp. (Celclus) [3%]*	Evacuation Mot Puristatic Puris Pump Type 10 Samples collect / 03C VLB DTMS pH 10.1 units)*	PLURY - File took Banker ( PARS CH A) took by same me  HAD A)  TEL  Sp. Cond. (mS/cm)  [3%]	1 Bladder Proportion of the System of System o	Other/Specify)  2.53.76  DO (mg/l) (10% or 0.1 mg/l)*	ORF (mV
Time  14 12 14:22 14:32 14:40 15:02 15:12 15:32 16:37 15:44	mp Start Time mp Step Finin ipping reithoved y (4)  Water Quality N  Pump Rate (Umin.)  0.100  0.100  0.100  0.100  0.100  0.100  0.100  0.100  0.100  0.100  0.100  0.100  0.100  0.100  0.100	14:12 16:30 138 9:25 q./le fotal Gallons Removed 0.2642 0.5284 0.7926 1.0568 1.3310 1.5651 1.6494 2.1136	Water Level (6 TIC) 10.27 10.25 10.20 10.20 10.16 10.17	YST 55 U HACH T Temp. (Celetius) (3%)	Evacuation Mot Puristatic Puris Pump Type 10 Samples collect # 03C VLB (D1000 pH	host Barler (  ARSCHA)  TORE  Sp. Cond.  (mS/cm)  [3%]	1 Bladder Proportion of the System of the Sy	OtheriSpe O I O N(specify)  2.53.76  DO (mg/l) (10% and 1 mg/l)*	ORF (INV ( )

Wall No	o. N 5-	J			Site/GMA Name	CE	P.H. F	1 400	O.
Key N	o. Fx-3	7		Sam	noling Personnel	15.31	P, ++ + f, :11 -	GMA-1	
	ackground (ppr						GAIR		
	Headspace (ppr				Date				
0.000000	1.0 2.0 2.5 1.5 1.5 M. C.			200	Weather	Tarth	1 5 HATY, 50	F	
WELL INFO	RMATION								7
Refere	nce Point Marker	d7 (Y) N						6 16:17	
Height	of Reference Poi	int 2.46	Meas, From	Grouns	1			NJ-3	7
	Weit Diamet			OFFICE	1		Ouplicate If		
Scr	een Interval Dep		SMeas, From	Ground			MS/MS/		
	Water Table Dep		Meas, From	TIC	-		Split Sample IC		
	Well Oep	th 23.67'	Meas. From	TIL		Required	Ampheloni I	Parameters;	
Length	of Water Colum	in /3.33'		500	mile	/ 4	11/49331	Std. list)	Collected
<ul> <li>Volum</li> </ul>	e of Water in We	2-17,1	lons	3000		7 7		(Exp.list)	( )
Intake Dep	oth of pump/lubin	9 16.01	Meas, From	TIL		1 1		CCs CCs	1 3
		G E E C A VI			-	7 1		(Total)	1
eferenca Po	oint Identification	0				4 1		issolved)	. ,
IC: Top at I	nner (PVC) casir	ng .				1 1		ing. (Total)	. ,
OC: Top at	auter (protective	r) casing				1 1	Metals/Inorg.		8 8
	Ground Surface	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1				4 6	2015 NO.	(DISSUVEG) /PCDFs	1 1
	8.4					95 60		Herb	
edevelop?	Y (N)					T. E.	10.0	tenuabon	15 1
						ابدا	Other (S		
VACUATION	N INFORMATION	N						0.100 0.400	(12)
	Pump Start Time	14:12				1	1ercury-F	ilteredy	unfilt
	Pump Stop Time				Evacuation Met				
finutes of Pt	100	138	-		Penstalbo Pump			SSS MANAGEMENT	
	ter removed	4-2592	I non h				Submersible Pump (	(Cthe	er/Specify ( )
	y7 Y (V)	1.03 40	100-12		Pump Type:		LONG THE WATER		
	Water Quality N	Meter Type(s) / S	Senal Numbers		odwpies called	ed by same r	nethod as evacuation	n? Y N(so	pecify)
Time	Pump	Total	Water	Temp.	рн	Sp. Cand.	Turbidity	DO	ORP
Time	Pump Rate	Total Gallons	Water Level	(Celcius)	рН	Sp. Cand. (mS/cm)	Turbidity (NTU)	(mg/l)	ORP (mV)
11/00000775	Pump Rate (Umin.)	Total Gallons Removed	Water Level (ft TIC)	(Celcius) (3%)*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]	DO (mg/l) (10%);	ORP (mV) (10 mV)*
5:55	Pump Rate (Limin.)	Total Gallons Removed	Water Lovel (ft TIC)	(Celcius) (3%)* /4-}'O	pH [0 1 units]*	Sp. Cand. (mS/cm) [3%]* /- Z &G	Turbidity (NTU) [10% or 1 NTU]*	00 (mg/l) (10%);	ORP (mV) (10 mV)*
2:25	Pump Rate (Umin.) 0_/00 0_/00	Total Gallons Removed Z.5G3 Z.GG8	Water Lovel (ft TIC) 10:18	(Celcius) (3%)* 14-≯0 14-24	pH [0 1 units]* 6-49 6-49	Sp. Cand. (mS/cm) [3%]* /- 2 & & /- 2 & &	Turbidity (NTU) [10% or 1 NTU]* 3 5	0.58	ORP (mV) (10 mV)* 88.4 98.6
5'.52 5'.56 61.00	Pump Rate (Umin.) 0_/00 0_/00	Total Gallons Removed Z. 5G3 Z. GG8 Z-77,4	Water Lovel (ft TIC) 10.18 10.18	(Celcius) (3%)* 14-3'0 14-34 14-33	pH [0 1 units]* 6-49 6-49 6-49	Sp. Cand. (mS/cm) [3%]* 1·2 86 1-289	Turbidity (NTU) [10% or 1 NTU]* 3 S 3 Y 3 Y	0.62 (mg/l) (10%);	ORP (mV) (10 mV)* \$1.4 \$1.6
5.52 5.56 6100 6103	Pump Rate (Umin.) 0_100 0_100 0_100	Total Gallons Removed Z. 5G3 Z. GG8 Z-774 Z. F78	Water Lovel (ft TIC)  /0 - 1 8  /0 - 1 8  /0 - 1 7	(Celcius) (3%)* 14-70 14-74 14-73 14-65	pH [0 1 units]* 6-49 6-49 6-49 6-49	Sp. Cand. (mS/cm) [3%]* 1-286 1-289 1-289	Turbidity (NTU) [10% or 1 NTU] 3 5 3 4 3 4 3 4	00 (mg/l) (10%); 0.62 0.58 0.50	ORP (mV) (10 mV)* 88.4 98.6 89.2 89.2
5:52 5:56 6:00 6:03 6:06	Pump Rate (Umin.) 0_100 0_100 0_100 0_100 0_100	Total Gallons Removed Z. 563 Z. 668 Z-774 Z. P78 Z. 9 65	Water Lovel (ft TIC)  10 - 1 8  10 - 1 8  10 - 1 8  10 - 1 7  10 - 1 7	(Celcius) (3%)* 14-70 14-77 14-77 14-65 14-62	pH [0 1 units]* 6-49 6-49 6-49 6-49	Sp. Cond. (mS/cm) [3%]* 1-286 1-289 1-289 1-290	Turbidity (NTU) [10% or 1 NTU] 3 5 3 7 3 7 3 7 3 7	DO (mg/l) (10%); 0.62 0.58 0.50 0.47	ORP (mV) (10 mV)* 8F. 4 PF. 6 89. 2 P7. 7
5:52 5:56 6:00 6:03 6:06	Pump Rate (Umin.) 0./00 0./00 0./00 0./00 0./00 0./00 0./00	Total Gallons Removed Z. 563 Z. 668 Z-774 Z. P78 Z. 9 F5 3. 091	Water Lavel (ft TIC)  10:18  10:18  10:17  10:17  10:17	(Celcius) (3%)* 14-70 14-74 14-73 14-65 14-61	pH [0 1 units]* 6-49 6-49 6-49 6-49 6-49	Sp. Cand. (mS/cm) [3%]* /- 2 88 /- 2 89 /- 2 89 /- 2 89 /- 2 89	Turbidity (NTU) [10% or 1 NTU] 3 5 3 4 3 4 3 7 3 2 3 0 2 8	00 (mg/l) (10%); 0-62 0-50 0-47 0-49	ORP (mV) (10 mV)* 8 P · 4 9 P · 6 9 9 . 2 8 7 - 7 9 0 · 1 9 0 - 2
5:52 5:56 6:00 6:03 6:06	Pump Rate (Umin.) 0_100 0_100 0_100 0_100 0_100	Total Gallons Removed Z. 563 Z. 668 Z-774 Z. P78 Z. 9 65	Water Lovel (ft TIC)  10 - 1 8  10 - 1 8  10 - 1 8  10 - 1 7  10 - 1 7	(Celcius) (3%)* 14-70 14-77 14-77 14-65 14-62	pH [0 1 units]* 6-49 6-49 6-49 6-49	Sp. Cond. (mS/cm) [3%]* 1-286 1-289 1-289 1-290	Turbidity (NTU) [10% or 1 NTU] 3 5 3 7 3 7 3 7 3 7	DO (mg/l) (10%); 0.62 0.58 0.50 0.47	ORP (mV) (10 mV)* 8F. 4 PF. 6 89. 2 P3. 7
5:52 5:56 6:00 6:03 6:06	Pump Rate (Umin.) 0./00 0./00 0./00 0./00 0./00 0./00 0./00	Total Gallons Removed Z. 563 Z. 668 Z-774 Z. P78 Z. 9 F5 3. 091	Water Lavel (ft TIC)  10:18  10:18  10:17  10:17  10:17	(Celcius) (3%)* 14-70 14-74 14-73 14-65 14-61	pH [0 1 units]* 6-49 6-49 6-49 6-49 6-49	Sp. Cand. (mS/cm) [3%]* /- 2 88 /- 2 89 /- 2 89 /- 2 89 /- 2 89	Turbidity (NTU) [10% or 1 NTU] 3 5 3 4 3 4 3 7 3 2 3 0 2 8	00 (mg/l) (10%); 0-62 0-50 0-47 0-49	ORP (mV) (10 mV)* 8F. 4 9F. 6 89. 2 87. 7 90. 1
5:52 5:56 6:00 6:03 6:06	Pump Rate (Umin.) 0./00 0./00 0./00 0./00 0./00 0./00 0./00	Total Gallons Removed Z. 563 Z. 668 Z-774 Z. P78 Z. 9 F5 3. 091	Water Lavel (ft TIC)  10:18  10:18  10:17  10:17  10:17	(Celcius) (3%)* 14-70 14-74 14-73 14-65 14-61	pH [0 1 units]* 6-49 6-49 6-49 6-49 6-49	Sp. Cand. (mS/cm) [3%]* /- 2 88 /- 2 89 /- 2 89 /- 2 89 /- 2 89	Turbidity (NTU) [10% or 1 NTU] 3 5 3 4 3 4 3 7 3 2 3 0 2 8	00 (mg/l) (10%); 0-62 0-50 0-47 0-49	ORP (mV) (10 mV)* 8 P · 4 9 P · 6 9 9 . 2 8 7 - 7 9 0 · 1 9 0 - 2
Time 5:52 5:56 6:00 6:03 6:06 (4:09 6:17	Pump Rate (Umin.) 0./00 0./00 0./00 0./00 0./00 0./00 0./00	Total Gallons Removed Z. 563 Z. 668 Z-774 Z. P78 Z. 9 F5 3. 091	Water Lavel (ft TIC)  10:18  10:18  10:17  10:17  10:17	(Celcius) (3%)* 14-70 14-74 14-73 14-65 14-61	pH [0 1 units]* 6-49 6-49 6-49 6-49 6-49	Sp. Cand. (mS/cm) [3%]* /- 2 88 /- 2 89 /- 2 89 /- 2 89 /- 2 89	Turbidity (NTU) [10% or 1 NTU] 3 5 3 4 3 4 3 7 3 2 3 0 2 8	00 (mg/l) (10%); 0-62 0-50 0-47 0-49	ORP (mV) (10 mV)* 8 P · 4 9 P · 6 9 9 . 2 8 7 - 7 9 0 · 1 9 0 - 2
5:52 5:56 6:00 6:03 6:06	Pump Rate (Umin.) 0./00 0./00 0./00 0./00 0./00 0./00 0./00	Total Gallons Removed Z. 563 Z. 668 Z-774 Z. P78 Z. 9 F5 3. 091	Water Lavel (ft TIC)  10:18  10:18  10:17  10:17  10:17	(Celcius) (3%)* 14-70 14-74 14-73 14-65 14-61	pH [0 1 units]* 6-49 6-49 6-49 6-49 6-49	Sp. Cand. (mS/cm) [3%]* /- 2 88 /- 2 89 /- 2 89 /- 2 89 /- 2 89	Turbidity (NTU) [10% or 1 NTU] 3 5 3 4 3 4 3 7 3 2 3 0 2 8	00 (mg/l) (10%); 0-62 0-50 0-47 0-49	ORP (mV) (10 mV)* 8 P · 4 9 P · 6 9 9 . 2 8 7 - 7 9 0 · 1 9 0 - 2
5:52 5:56 6:00 6:03 6:06 6:06	Pump Rate (L/min.) 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Total Gallons Removed Z. 563 Z.668 Z.77,4 Z.P78 Z.985 3.091 3.197	Water Lovel (ft TIC)  /0.18  /0.18  /0.18  /0.17  /0.17  /0.17  /0.17	(Celcius) (3%) 14-70 14-74 14-73 14-65 14-61 14-59	pH [0 1 units]* 6-49 6-49 6-49 6-49 6-49 6-49	Sp. Cand. (mS/cm) [3%]* 1.286 1.289 1.289 1.289 1.290 1.290	Turbidity (NTU) (10% or 1 NTU) 3 5 3 7 3 7 3 7 3 2 3 0 2 8 2 9	00 (mg/l) (10%); 0.62 0.58 0.50 0.47 0.49 0.46	ORP (mV) (10 mV)* 81.4 91.6 89.2 89.2 89.7 90.1
5:52 5:56 6:00 6:03 6:06 6:06	Pump Rate (L/min.) 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Total Gallons Removed Z. SG3 Z.GG8 Z-77,4 Z.P78 Z.9 85 3.091 3.197	Water Lovel (ft TIC)  /0 - 18  /0 - 18  /0 - 17  /0 - 17  /0 - 17  /0 - 17  /0 - 17	(Celcius) (3%) 14-70 14-74 14-73 14-65 14-61 14-59	pH [0 1 units]* 6-49 6-49 6-49 6-49 6-49 6-49	Sp. Cand. (mS/cm) [3%]* 1.286 1.289 1.289 1.289 1.290 1.290	Turbidity (NTU) [10% or 1 NTU] 3 5 3 4 3 4 3 7 3 2 3 0 2 8	00 (mg/l) (10%); 0.62 0.58 0.50 0.47 0.49 0.46	ORP (mV) (10 mV)* 88.4 98.6 89.2 89.7 90.1 90.2
5:52 5:56 6:00 6:03 6:06 6:06 6:09 6:12	Pump Rate (L/min.) 0./00 0./00 0./00 0./00 0./00 0./00 0./00	Total Gallons Removed Z. SG3 Z.GG8 Z-77,4 Z.P78 Z.9 85 3.091 3.197	Water Lovel (ft TIC)  /0 - 18  /0 - 18  /0 - 17  /0 - 17  /0 - 17  /0 - 17  /0 - 17	(Celcius) (3%) 14-70 14-74 14-73 14-65 14-61 14-59	pH [0 1 units]* 6-49 6-49 6-49 6-49 6-49 6-49	Sp. Cand. (mS/cm) [3%]* 1.286 1.289 1.289 1.289 1.290 1.290	Turbidity (NTU) (10% or 1 NTU) 3 5 3 7 3 7 3 7 3 2 3 0 2 8 2 9	00 (mg/l) (10%); 0.62 0.58 0.50 0.47 0.49 0.46	ORP (mV) (10 mV)* 81.4 91.6 89.2 89.2 89.7 90.1
5:52 5:56 6:00 6:03 6:06 6:06	Pump Rate (L/min.) 0./00 0./00 0./00 0./00 0./00 0./00 0./00	Total Gallons Removed Z. SG3 Z.GG8 Z-77,4 Z.P78 Z.9 85 3.091 3.197	Water Lovel (ft TIC)  /0 - 18  /0 - 18  /0 - 17  /0 - 17  /0 - 17  /0 - 17  /0 - 17	(Celcius) (3%) 14-70 14-74 14-73 14-65 14-61 14-59	pH [0 1 units]* 6-49 6-49 6-49 6-49 6-49 6-49	Sp. Cand. (mS/cm) [3%]* 1.286 1.289 1.289 1.289 1.290 1.290	Turbidity (NTU) (10% or 1 NTU) 3 5 3 7 3 7 3 7 3 2 3 0 2 8 2 9	00 (mg/l) (10%); 0.62 0.58 0.50 0.47 0.49 0.46	ORP (mV) (10 mV)* 88.4 98.6 89.2 89.7 90.1 90.2
5:52 5:56 6:00 6:03 6:06 6:09 6:12	Pump Rate (L/min.) 0./00 0./00 0./00 0./00 0./00 0./00 0./00	Total Gallons Removed Z. SG3 Z.GG8 Z-77,4 Z.P78 Z.9 85 3.091 3.197	Water Lovel (ft TIC)  /0 - 18  /0 - 18  /0 - 17  /0 - 17  /0 - 17  /0 - 17  /0 - 17	(Celcius) (3%) 14-70 14-74 14-73 14-65 14-61 14-59	pH [0 1 units]* 6-49 6-49 6-49 6-49 6-49 6-49	Sp. Cand. (mS/cm) [3%]* 1.286 1.289 1.289 1.289 1.290 1.290	Turbidity (NTU) (10% or 1 NTU) 3 5 3 7 3 7 3 7 3 2 3 0 2 8 2 9	00 (mg/l) (10%); 0.62 0.58 0.50 0.47 0.49 0.46	ORP (mV) (10 mV)* 81.4 91.6 89.2 89.2 89.7 90.1
5:52 5:56 6:00 6:03 6:06 6:09 6:17	Pump Rate [Umin.] 0 / 0 0 0 / 0 0 0 / 0 0 0 / 0 0 0 / 0 0 0 / 0 0 0 / 0 0 0 / 0 0 0 / 0 0	Total Gallons Removed Z. SG3 Z.GG8 Z-77,4 Z.P78 Z.9 85 3.091 3.197	Water Lovel (ft TIC)  /0 - 18  /0 - 18  /0 - 17  /0 - 17  /0 - 17  /0 - 17  /0 - 17	(Celcius) (3%) 14-70 14-74 14-73 14-65 14-61 14-59	pH [0 1 units]* 6-49 6-49 6-49 6-49 6-49 6-49	Sp. Cand. (mS/cm) [3%]* 1.286 1.289 1.289 1.289 1.290 1.290	Turbidity (NTU) (10% or 1 NTU) 3 5 3 7 3 7 3 7 3 2 3 0 2 8 2 9	00 (mg/l) (10%); 0.62 0.58 0.50 0.47 0.49 0.46	ORP (mV) (10 mV)* 81.4 91.6 89.2 89.2 89.7 90.1
5:52 5:56 6:00 6:03 6:06 6:09 6:09	Pump Rate (L/min.) 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 Tination	Total Gallons Removed Z. SG3 Z.GG8 Z-77,4 Z.P78 Z.9 85 3.091 3.197	Water Lovel (ft TIC)  /0 - 18  /0 - 18  /0 - 17  /0 - 17  /0 - 17  /0 - 17  /0 - 17	(Celcius) (3%) 14-70 14-74 14-73 14-65 14-61 14-59	pH [0 1 units]* 6-49 6-49 6-49 6-49 6-49 6-49	Sp. Cand. (mS/cm) [3%]* 1.286 1.289 1.289 1.289 1.290 1.290	Turbidity (NTU) [10% or 1 NTU] 3 5 3 4 3 4 3 2 3 0 2 8 2 9	00 (mg/l) (10%); 0.62 0.58 0.50 0.47 0.49 0.46	ORP (mV) (10 mV)* 88.4 98.6 89.2 83.7 90.1 90.2 91.1
S:SC S:SC S:SG G:00 G:06 G:06 G:09 G:/C	Pump Rate (L/min.) 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 TINATION 3 G J	Total Gallons Removed Z. SG3 Z.GG8 Z-77,4 Z.P78 Z.9 85 3.091 3.197	Water Lovel (ft TIC)  /0 - 18  /0 - 18  /0 - 17  /0 - 17  /0 - 17  /0 - 17  /0 - 17	(Celcius) (3%) 14-70 14-74 14-73 14-65 14-61 14-59	pH [0 1 units]* 6-49 6-49 6-49 6-49 6-49 6-49	Sp. Cand. (mS/cm) [3%]* 1.286 1.289 1.289 1.289 1.290 1.290	Turbidity (NTU) [10% or 1 NTU] 3 5 3 4 3 4 3 2 3 0 2 8 2 9	00 (mg/l) (10%); 0.62 0.58 0.50 0.47 0.49 0.46	ORP (mV) (10 mV)* 88.4 98.6 89.2 83.7 90.1 90.2 91.1
S:SC S:SC S:SG G:00 G:06 G:06 G:09 G:/C	Pump Rate (L/min.) 0.100 0.100 0.100 0.100 0.100 0.100 0.100 Innation SGJ	Total Gallons Removed Z. SG3 Z.GG8 Z-77,4 Z.P78 Z.9 85 3.091 3.197	Water Lovel (ft TIC)  /0 - 18  /0 - 18  /0 - 17  /0 - 17  /0 - 17  /0 - 17  /0 - 17	(Celcius) (3%) 14-30 14-34 14-33 14-65 14-61 14-59	pH [0 1 units]* 6-49 6-49 6-49 6-49 6-49 6-49	Sp. Cand. (mS/cm) [3%]* 1.286 1.289 1.289 1.290 1.290 1.290	Turbidity (NTU) [10% or 1 NTU] 3 5 3 4 3 4 3 2 3 0 2 8 2 9	00 (mg/l) (10%); 0.62 0.58 0.50 0.47 0.49 0.46	ORP (mV) (10 mV)* 8 F · 4 9 F · 6 8 9 · 7 9 0 · 1 9 0 · 2 9 1 · 1

# Appendix C

# **Groundwater Analytical Results**



#### GROUNDWATER QUALITY INTERIM REPORT FOR FALL 2003 GROUNDWATER MANAGEMENT AREA 1 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

	Site ID:		st St. Area 2 - No	orth	Ea	ast St. Area 2 - South	
	Sample ID:	A-7	ES1-05	GMA1-4	GMA1-13	HR-G1-MW-3	HR-G3-MW-1
Parameter	Date Collected:	10/09/03	10/10/03	10/09/03	10/15/03	10/16/03	10/16/03
olatile Organics		Ţ					
1,1,1,2-Tetrachloro		ND(0.0050)	NA	ND(0.0050)	ND(0.0050)	NA	NA
1,1,1-Trichloroetha	-	ND(0.0050)	NA	ND(0.0050)	ND(0.0050)	NA	NA
,1,2,2-Tetrachlord		ND(0.0050)	NA NA	ND(0.0050)	ND(0.0050)	NA NA	NA NA
1,1,2-Trichloroetha		ND(0.0050)	NA NA	ND(0.0050)	ND(0.0050)	NA NA	NA NA
,1-Dichloroethane		ND(0.0050) ND(0.0010)	NA NA	ND(0.0050) ND(0.0010)	ND(0.0050) ND(0.0010)	NA NA	NA NA
1,2,3-Trichloroprop		ND(0.0010)	NA NA	ND(0.0010)	ND(0.0010)	NA NA	NA NA
,2-Dibromo-3-chl		ND(0.0050)	NA NA	ND(0.0050)	ND(0.0050) J	NA NA	NA NA
1.2-Dibromoethan		ND(0.0030)	NA NA	ND(0.0030)	ND(0.0030) 3	NA NA	NA NA
,2-Dichloroethane		ND(0.0050)	NA NA	ND(0.0050)	ND(0.0050)	NA NA	NA NA
,2-Dichloropropa		ND(0.0050)	NA NA	ND(0.0050)	ND(0.0050)	NA NA	NA NA
,4-Dioxane		ND(0.20) J	NA	ND(0.20) J	ND(0.20) J	NA NA	NA NA
2-Butanone		ND(0.010) J	NA	ND(0.010) J	ND(0.010) J	NA	NA
2-Chloro-1,3-butac	liene	ND(0.0050)	NA	ND(0.0050)	ND(0.0050)	NA	NA
-Chloroethylvinyle	ether	ND(0.0050)	NA	ND(0.0050)	ND(0.0050)	NA	NA
?-Hexanone		ND(0.010)	NA	ND(0.010)	ND(0.010)	NA	NA
-Chloropropene		ND(0.0050)	NA	ND(0.0050)	ND(0.0050)	NA	NA
-Methyl-2-pentan	one	ND(0.010)	NA	ND(0.010)	ND(0.010)	NA	NA
cetone		ND(0.010)	NA	ND(0.010)	ND(0.010)	NA	NA
Acetonitrile		ND(0.10) J	NA	ND(0.10) J	ND(0.10) J	NA	NA
Acrolein		ND(0.10)	NA	ND(0.10)	ND(0.10)	NA	NA
Acrylonitrile		ND(0.0050)	NA	ND(0.0050)	ND(0.0050) J	NA	NA
Benzene		ND(0.0050)	NA	ND(0.0050)	ND(0.0050)	NA	NA
Bromodichloromet	hane	ND(0.0050)	NA	0.00089 J	ND(0.0050)	NA	NA
Bromoform		ND(0.0050)	NA	ND(0.0050)	ND(0.0050)	NA	NA
Bromomethane		ND(0.0020)	NA	ND(0.0020)	ND(0.0020)	NA	NA NA
Carbon Disulfide	Cat.	ND(0.0050)	NA NA	ND(0.0050)	ND(0.0050)	NA NA	NA NA
Carbon Tetrachlor	ide	ND(0.0050)	NA NA	ND(0.0050)	ND(0.0050)	NA NA	NA NA
Chlorobenzene		ND(0.0050)	NA NA	ND(0.0050)	ND(0.0050)	NA NA	NA NA
Chloroethane		ND(0.0050)	NA NA	ND(0.0050) 0.0089	ND(0.0050)	NA NA	NA NA
Chloroform Chloromethane	-	ND(0.0050) ND(0.0050)	NA NA	ND(0.0050)	ND(0.0050) ND(0.0050)	NA NA	NA NA
is-1,3-Dichloropro	nono	ND(0.0050)	NA NA	ND(0.0050)	ND(0.0050)	NA NA	NA NA
Dibromochloromet		ND(0.0050)	NA NA	ND(0.0050)	ND(0.0050)	NA NA	NA NA
Dibromomethane	nanc	ND(0.0050)	NA NA	ND(0.0050)	ND(0.0050)	NA NA	NA NA
Dichlorodifluorome	thane	ND(0.0050)	NA NA	ND(0.0050)	ND(0.0050)	NA NA	NA NA
thyl Methacrylate		ND(0.0050)	NA	ND(0.0050)	ND(0.0050)	NA NA	NA
thylbenzene		ND(0.0050)	NA	ND(0.0050)	ND(0.0050)	NA	NA
odomethane		ND(0.0050)	NA	ND(0.0050)	ND(0.0050)	NA	NA
sobutanol		ND(0.10) J	NA	ND(0.10) J	ND(0.10) J	NA	NA
Methacrylonitrile		ND(0.0050)	NA	ND(0.0050)	ND(0.0050)	NA	NA
Methyl Methacryla	te	ND(0.0050)	NA	ND(0.0050)	ND(0.0050)	NA	NA
Methylene Chlorid	е	ND(0.0050)	NA	ND(0.0050)	ND(0.0050)	NA	NA
Propionitrile		ND(0.010)	NA	ND(0.010)	ND(0.010)	NA	NA
Styrene		ND(0.0050)	NA	ND(0.0050)	ND(0.0050)	NA	NA
etrachloroethene		ND(0.0020)	NA	ND(0.0020)	ND(0.0020)	NA	NA
oluene		ND(0.0050)	NA	ND(0.0050)	ND(0.0050)	NA	NA
ans-1,2-Dichloro		ND(0.0050)	NA	ND(0.0050)	ND(0.0050)	NA	NA
ans-1,3-Dichloro		ND(0.0050)	NA NA	ND(0.0050)	ND(0.0050)	NA	NA NA
ans-1,4-Dichloro-	-2-butene	ND(0.0050)	NA NA	ND(0.0050)	ND(0.0050)	NA NA	NA NA
richloroethene		ND(0.0050)	NA NA	ND(0.0050)	ND(0.0050)	NA NA	NA NA
richlorofluoromet	nane	ND(0.0050)	NA NA	ND(0.0050)	ND(0.0050)	NA NA	NA NA
/inyl Acetate		ND(0.0050)	NA NA	ND(0.0050)	ND(0.0050)	NA NA	NA NA
/inyl Chloride		ND(0.0020)	NA NA	ND(0.0020)	ND(0.0020)	NA NA	NA NA
ylenes (total)	+	ND(0.010)	NA NA	ND(0.010) 0.0098 J	ND(0.010)	NA NA	NA NA
otal VOCs CBs-Unfiltered		ND(0.20)	INA	0.0090 J	ND(0.20)	INA	NA
	1	NA T	N1A	l NIA I	ND(0.0000CE)	NIA I	A1.4
roclor-1016		NA NA	NA NA	NA NA	ND(0.000065)	NA NA	NA NA
roclor-1221		NA NA	NA NA	NA NA	ND(0.000065)	NA NA	NA NA
roclor-1232		NA NA	NA NA	NA NA	ND(0.000065)	NA NA	NA NA
Aroclor-1242		NA NA	NA NA	NA NA	ND(0.000065)	NA NA	NA NA
Aroclor-1248		NA NA	NA NA	NA NA	ND(0.000065)	NA NA	NA NA
Aroclor-1254 Aroclor-1260		NA NA	NA NA	NA NA	0.000070 ND(0.000065)	NA NA	NA NA
ALUCIOI - LZDU		INA	NΑ	i NA	ND(0.000065)	i INA	NA

Site II	D: Ea	st St. Area 2 - N	orth	Eas	st St. Area 2 - South	
Sample II Parameter Date Collecte	D: A-7	ES1-05 10/10/03	GMA1-4 10/09/03	GMA1-13 10/15/03	HR-G1-MW-3 10/16/03	HR-G3-MW-1 10/16/03
PCBs-Filtered		10/10/00	10/00/00	10/10/00	10/10/00	10/10/00
Aroclor-1016	NA	NA	NA	ND(0.000065)	NA	NA
Aroclor-1221	NA	NA	NA	ND(0.000065)	NA NA	NA
Aroclor-1232	NA	NA	NA	ND(0.000065)	NA	NA
Aroclor-1242	NA	NA	NA	ND(0.000065)	NA	NA
Aroclor-1248	NA	NA	NA	ND(0.000065)	NA	NA
Aroclor-1254	NA	NA	NA	0.000071	NA	NA
Aroclor-1260	NA	NA	NA	ND(0.000065)	NA	NA
Total PCBs	NA	NA	NA	0.000071	NA	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	ND(0.010)	NA	NA
1,2,4-Trichlorobenzene	ND(0.0050)	NA	ND(0.0050)	ND(0.010)	NA	NA
1,2-Dichlorobenzene	ND(0.0050)	NA	ND(0.0050)	ND(0.010)	NA	NA
1,2-Diphenylhydrazine	NA NA	NA	NA	ND(0.010)	NA	NA NA
1,3,5-Trinitrobenzene	NA NB (0.0050)	NA	NA NB (0.0050)	ND(0.010) J	NA	NA NA
1,3-Dichlorobenzene	ND(0.0050)	NA NA	ND(0.0050)	ND(0.010)	NA NA	NA NA
1,3-Dinitrobenzene	NA ND(0.0050)	NA NA	NA ND(0.0050)	ND(0.010) J	NA NA	NA NA
1,4-Dichlorobenzene 1,4-Naphthoguinone	ND(0.0050)	NA NA	ND(0.0050)	ND(0.010)	NA NA	NA NA
,	NA NA	NA NA	NA NA	ND(0.010) ND(0.010)	NA NA	NA NA
1-Naphthylamine	NA NA	NA NA	NA NA	ND(0.010) ND(0.010)	NA NA	NA NA
2,3,4,6-Tetrachlorophenol 2,4,5-Trichlorophenol	NA NA	NA NA	NA NA	ND(0.010) ND(0.010)	NA NA	NA NA
2,4,6-Trichlorophenol	NA NA	NA NA	NA NA	ND(0.010)	NA NA	NA NA
2.4-Dichlorophenol	NA NA	NA NA	NA NA	ND(0.010)	NA NA	NA NA
2,4-Dimethylphenol	NA NA	NA NA	NA NA	ND(0.010)	NA NA	NA NA
2,4-Dinitrophenol	NA NA	NA NA	NA NA	ND(0.050)	NA NA	NA NA
2.4-Dinitrotoluene	NA NA	NA NA	NA NA	ND(0.010)	NA NA	NA NA
2,6-Dichlorophenol	NA	NA	NA	ND(0.010)	NA	NA
2,6-Dinitrotoluene	NA	NA NA	NA	ND(0.010)	NA NA	NA
2-Acetylaminofluorene	NA	NA	NA	ND(0.010)	NA	NA
2-Chloronaphthalene	NA	NA	NA	ND(0.010)	NA	NA
2-Chlorophenol	NA	NA	NA	ND(0.010)	NA	NA
2-Methylnaphthalene	NA	NA	NA	ND(0.010)	NA	NA
2-Methylphenol	NA	NA	NA	ND(0.010)	NA	NA
2-Naphthylamine	NA	NA	NA	ND(0.010)	NA	NA
2-Nitroaniline	NA	NA	NA	ND(0.050) J	NA	NA
2-Nitrophenol	NA	NA	NA	ND(0.010)	NA	NA
2-Picoline	NA	NA	NA	ND(0.010)	NA	NA
3&4-Methylphenol	NA	NA	NA	ND(0.010)	NA	NA
3,3'-Dichlorobenzidine	NA	NA	NA	ND(0.020)	NA	NA
3,3'-Dimethylbenzidine	NA	NA	NA	ND(0.010) J	NA	NA
3-Methylcholanthrene	NA	NA	NA	ND(0.010)	NA	NA NA
3-Nitroaniline	NA	NA	NA	ND(0.050)	NA NA	NA NA
4,6-Dinitro-2-methylphenol	NA NA	NA NA	NA NA	ND(0.050)	NA NA	NA NA
4-Aminobiphenyl	NA NA	NA NA	NA NA	ND(0.010)	NA NA	NA NA
4-Bromophenyl-phenylether	NA NA	NA NA	NA NA	ND(0.010)	NA NA	NA NA
4-Chloro-3-Methylphenol				ND(0.010)		
4-Chloroaniline 4-Chlorobenzilate	NA NA	NA NA	NA NA	ND(0.010) ND(0.010) J	NA NA	NA NA
4-Chlorophenyl-phenylether	NA NA	NA NA	NA NA	ND(0.010) 3	NA NA	NA NA
4-Nitroaniline	NA NA	NA NA	NA NA	ND(0.010)	NA NA	NA NA
4-Nitrophenol	NA NA	NA NA	NA NA	ND(0.050) J	NA NA	NA NA
4-Nitroquinoline-1-oxide	NA NA	NA NA	NA NA	ND(0.010) J	NA NA	NA NA
4-Phenylenediamine	NA NA	NA NA	NA NA	ND(0.010)	NA NA	NA NA
5-Nitro-o-toluidine	NA	NA	NA	ND(0.010)	NA	NA
7,12-Dimethylbenz(a)anthracene	NA	NA	NA	ND(0.010)	NA	NA
a,a'-Dimethylphenethylamine	NA	NA	NA	ND(0.010)	NA	NA
Acenaphthene	NA	NA	NA	ND(0.010)	NA	NA
Acenaphthylene	NA	NA	NA	ND(0.010)	NA	NA
Acetophenone	NA	NA	NA	ND(0.010)	NA	NA
Aniline	NA	NA	NA	ND(0.010)	NA	NA
Anthracene	NA	NA	NA	ND(0.010)	NA	NA
Aramite	NA	NA	NA	ND(0.010) J	NA	NA
Benzidine	NA	NA	NA	ND(0.020) J	NA	NA
Benzo(a)anthracene	NA	NA	NA	ND(0.010)	NA	NA
Benzo(a)pyrene	NA	NA	NA	ND(0.010)	NA	NA
Benzo(b)fluoranthene	NA	NA	NA	ND(0.010)	NA	NA
Benzo(g,h,i)perylene	NA	NA	NA	ND(0.010)	NA	NA

	Site ID:	Ea	st St. Area 2 - No	orth	Ea	st St. Area 2 - South	
	nple ID:	A-7	ES1-05	GMA1-4	GMA1-13	HR-G1-MW-3	HR-G3-MW-1
Parameter Date Co	llected:	10/09/03	10/10/03	10/09/03	10/15/03	10/16/03	10/16/03
Semivolatile Organics (cont	tinued)						
Benzo(k)fluoranthene		NA	NA	NA	ND(0.010)	NA	NA
Benzyl Alcohol		NA	NA	NA	ND(0.020)	NA	NA
bis(2-Chloroethoxy)methane		NA	NA	NA	ND(0.010)	NA	NA
bis(2-Chloroethyl)ether		NA	NA	NA	ND(0.010)	NA	NA
bis(2-Chloroisopropyl)ether		NA	NA	NA	ND(0.010) J	NA	NA
bis(2-Ethylhexyl)phthalate		NA	NA	NA	ND(0.0060)	NA	NA
Butylbenzylphthalate		NA	NA	NA	ND(0.010)	NA	NA
Chrysene		NA	NA	NA	ND(0.010)	NA	NA
Diallate		NA	NA	NA	ND(0.010)	NA	NA
Dibenzo(a,h)anthracene		NA	NA	NA	ND(0.010)	NA	NA
Dibenzofuran		NA	NA	NA	ND(0.010)	NA	NA
Diethylphthalate		NA	NA	NA	ND(0.010)	NA	NA
Dimethylphthalate		NA	NA	NA	ND(0.010)	NA	NA
Di-n-Butylphthalate		NA	NA	NA	ND(0.010)	NA	NA
Di-n-Octylphthalate		NA	NA	NA	ND(0.010)	NA	NA
Diphenylamine		NA	NA	NA	ND(0.010)	NA	NA
Ethyl Methanesulfonate		NA	NA	NA	ND(0.010)	NA	NA
Fluoranthene		NA	NA	NA	ND(0.010)	NA	NA
Fluorene		NA	NA	NA	ND(0.010)	NA	NA
Hexachlorobenzene		NA	NA	NA	ND(0.010)	NA	NA
Hexachlorobutadiene		NA	NA	NA	ND(0.0010)	NA	NA
Hexachlorocyclopentadiene		NA	NA	NA	ND(0.010) J	NA	NA
Hexachloroethane		NA	NA	NA	ND(0.010)	NA	NA
Hexachlorophene		NA	NA	NA	ND(0.020) J	NA	NA
Hexachloropropene		NA	NA	NA	ND(0.010)	NA	NA
Indeno(1,2,3-cd)pyrene		NA	NA	NA	ND(0.010)	NA	NA
Isodrin		NA	NA	NA	ND(0.010)	NA	NA
Isophorone		NA	NA	NA	ND(0.010)	NA NA	NA NA
Isosafrole		NA	NA	NA NA	ND(0.010)	NA NA	NA NA
Methapyrilene		NA	NA	NA NA	ND(0.010)	NA NA	NA NA
Methyl Methanesulfonate		NA ND(0.0050)	NA	NA ND(0.0050)	ND(0.010)	NA NA	NA NA
Naphthalene		ND(0.0050)	NA NA	ND(0.0050)	ND(0.010)	NA NA	NA NA
Nitrobenzene		NA	NA	NA NA	ND(0.010)	NA NA	NA NA
N-Nitrosodiethylamine		NA NA	NA NA	NA NA	ND(0.010)	NA NA	NA NA
N-Nitrosodimethylamine		NA NA	NA NA	NA NA	ND(0.010)	NA NA	NA NA
N-Nitroso-di-n-butylamine		NA	NA	NA NA	ND(0.010)	NA NA	NA NA
N-Nitroso-di-n-propylamine		NA NA	NA NA	NA NA	ND(0.010)	NA NA	NA NA
N-Nitrosodiphenylamine			NA NA		ND(0.010)		
N-Nitrosomethylethylamine	-	NA NA	NA NA	NA NA	ND(0.010) ND(0.010)	NA NA	NA NA
N-Nitrosomorpholine N-Nitrosopiperidine	-	NA NA	NA NA	NA NA	ND(0.010) ND(0.010)	NA NA	NA NA
N-Nitrosopiperidine		NA NA	NA NA	NA NA	ND(0.010)	NA NA	NA NA
o,o,o-Triethylphosphorothioat		NA NA	NA NA	NA NA	ND(0.010)	NA NA	NA NA
o-Toluidine		NA NA	NA NA	NA NA	ND(0.010)	NA NA	NA NA
p-Dimethylaminoazobenzene	-	NA NA	NA NA	NA NA	ND(0.010)	NA NA	NA NA
Pentachlorobenzene		NA NA	NA NA	NA NA	ND(0.010)	NA NA	NA NA
5 / 11 //			NA NA		110 (0.040)		***
Pentachloroethane Pentachloronitrobenzene		NA NA	NA NA	NA NA	ND(0.010) ND(0.010)	NA NA	NA NA
Pentachlorophenol		NA NA	NA NA	NA NA	ND(0.010)	NA NA	NA NA
Phenacetin	+	NA NA	NA NA	NA NA	ND(0.030)	NA NA	NA NA
Phenanthrene		NA NA	NA NA	NA NA	ND(0.010)	NA NA	NA NA
Phenol		NA NA	NA NA	NA NA	ND(0.010)	NA NA	NA NA
Pronamide		NA NA	NA NA	NA NA	ND(0.010)	NA NA	NA NA
Pyrene		NA NA	NA NA	NA NA	ND(0.010)	NA NA	NA NA
Pyridine		NA NA	NA NA	NA NA	ND(0.010)	NA NA	NA NA
Safrole		NA NA	NA NA	NA NA	ND(0.010)	NA NA	NA NA
Thionazin		NA NA	NA NA	NA NA	ND(0.010)	NA NA	NA NA
THOTALIT		IVA	INA	I IN/A	140(0.010)	14/4	14/4

#### GROUNDWATER QUALITY INTERIM REPORT FOR FALL 2003 GROUNDWATER MANAGEMENT AREA 1 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

	Site ID:	E	ast St. Area 2 - No	rth	Eas	t St. Area 2 - South	
	Sample ID:	A-7	ES1-05	GMA1-4	GMA1-13	HR-G1-MW-3	HR-G3-MW-1
Parameter	Date Collected:	10/09/03	10/10/03	10/09/03	10/15/03	10/16/03	10/16/03
Furans							
2,3,7,8-TCDF		NA	NA	NA	ND(0.000000011)	NA	NA
TCDFs (total)		NA	NA	NA	ND(0.000000011)	NA	NA
1,2,3,7,8-PeCDF		NA	NA	NA	ND(0.00000000082) X	NA	NA
2,3,4,7,8-PeCDF		NA	NA	NA	ND(0.00000000070)	NA	NA
PeCDFs (total)		NA	NA	NA	ND(0.00000000070)	NA	NA
1,2,3,4,7,8-HxCD	)F	NA	NA	NA	ND(0.0000000025)	NA	NA
1,2,3,6,7,8-HxCD	)F	NA	NA	NA	ND(0.0000000025)	NA	NA
1,2,3,7,8,9-HxCD	)F	NA	NA	NA	ND(0.0000000025)	NA	NA
2,3,4,6,7,8-HxCE	)F	NA	NA	NA	ND(0.0000000025)	NA	NA
HxCDFs (total)		NA	NA	NA	ND(0.0000000025)	NA	NA
1,2,3,4,6,7,8-Hp0	CDF	NA	NA	NA	ND(0.0000000025)	NA	NA
1,2,3,4,7,8,9-Hp(		NA	NA	NA	ND(0.0000000025)	NA	NA
HpCDFs (total)	02.	NA	NA	NA	ND(0.0000000025)	NA	NA
OCDF		NA	NA NA	NA NA	ND(0.0000000050)	NA NA	NA
Dioxins		14/1	14/1	1471	142(0.00000000000)	14/1	14/1
		NIA	T NA	NIA.	ND(0.0000000010)	NIA	NIA
2,3,7,8-TCDD		NA NA	NA NA	NA NA	ND(0.000000018)	NA NA	NA NA
TCDDs (total)		NA NA	NA NA	NA NA	ND(0.0000000033)	NA	NA NA
1,2,3,7,8-PeCDD	)	NA	NA	NA	ND(0.0000000025)	NA	NA NA
PeCDDs (total)	_	NA	NA	NA	0.00000000092	NA	NA
1,2,3,4,7,8-HxCD		NA	NA	NA	ND(0.0000000025)	NA	NA
1,2,3,6,7,8-HxCE		NA	NA	NA	ND(0.0000000025)	NA	NA
1,2,3,7,8,9-HxCE	DD	NA	NA	NA	ND(0.0000000025)	NA	NA
HxCDDs (total)		NA	NA	NA	ND(0.0000000025)	NA	NA
1,2,3,4,6,7,8-Hp0	CDD	NA	NA	NA	0.000000018 J	NA	NA
HpCDDs (total)		NA	NA	NA	ND(0.000000018)	NA	NA
OCDD		NA	NA	NA	ND(0.000000012) X	NA	NA
Total TEQs (WHO	O TEFs)	NA	NA	NA	0.000000033	NA	NA
Inorganics-Unfil	Itered						
Antimony		NA	NA	NA	0.0120 B	NA	NA
Arsenic		NA	NA	NA	ND(0.0100)	NA	NA
Barium		NA	NA NA	NA NA	0.00880 B	NA NA	NA NA
Beryllium		NA NA	NA NA	NA NA	0.00110	NA NA	NA NA
Cadmium		NA NA	NA NA	NA NA	0.00110 0.00130 B	NA NA	NA NA
Chromium		NA NA	NA NA	NA NA	ND(0.0100)	NA NA	NA NA
Cobalt		NA NA	NA NA	NA NA		NA NA	NA NA
					ND(0.0500)		
Copper		NA NA	NA NA	NA NA	ND(0.025)	NA	NA NA
Cyanide		NA NA	NA NA	NA NA	ND(0.0100)	NA	NA NA
Lead		NA NA	NA ND(0.000000)	NA NA	ND(0.00300)	NA ND(0.000000)	NA ND(0.000000)
Mercury		NA	ND(0.000200)	NA	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel		NA	NA	NA	ND(0.0400)	NA	NA NA
Selenium		NA	NA	NA	0.00910	NA	NA
Silver		NA	NA	NA	ND(0.0050)	NA	NA
Sulfide		NA	NA	NA	ND(5.00)	NA	NA
Thallium		NA	NA	NA	ND(0.0100)	NA	NA
Tin		NA	NA	NA	ND(0.0300)	NA	NA
Vanadium		NA	NA	NA	ND(0.0500)	NA	NA
Zinc		NA	NA	NA	0.00580 B	NA	NA
Inorganics-Filte	red						
Antimony		NA	NA	NA	ND(0.0600)	NA	NA
Arsenic		NA	NA	NA	ND(0.0100)	NA	NA
Barium		NA	NA	NA	0.00880 B	NA	NA
Beryllium		NA	NA	NA	ND(0.0010)	NA	NA
Cadmium		NA	NA	NA	ND(0.00500)	NA	NA
Chromium		NA	NA	NA	0.00140 B	NA	NA
Cobalt		NA NA	NA NA	NA NA	ND(0.0500)	NA NA	NA NA
Copper		NA NA	NA NA	NA NA	ND(0.025)	NA NA	NA NA
Cyanide		NA NA	NA NA	NA NA	ND(0.0100)	NA NA	NA NA
Lead		NA NA	NA NA	NA NA	ND(0.0100)	NA NA	NA NA
Mercury		NA NA	ND(0.000200)	NA NA	ND(0.00300)	ND(0.000200)	ND(0.000200)
		NA NA		NA NA	, ,	, , ,	
Nickel			NA NA		ND(0.0400)	NA NA	NA NA
Selenium		NA NA	NA NA	NA NA	ND(0.00500)	NA NA	NA NA
Silver		NA	NA	NA	ND(0.0050)	NA	NA NA
Thallium		NA	NA	NA	ND(0.0100)	NA	NA
Tin		NA	NA	NA	ND(0.0300)	NA	NA
Vanadium		NA	NA	NA	ND(0.0500)	NA	NA
Zinc		NA	NA	NA	ND(0.020)	NA	NA

#### GROUNDWATER QUALITY INTERIM REPORT FOR FALL 2003 GROUNDWATER MANAGEMENT AREA 1 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

	Site ID:			Lyman Str			Newell St. Area II
_	Sample ID:	B-2	E-07	LS-29	LS-MW-3R	LS-MW-6R	GMA1-9
Parameter	Date Collected:	10/09/03	10/09/03	10/13/03	10/13/03	10/09/03	10/16/03
Volatile Organics 1,1,1,2-Tetrachloro	othano	NA	NA	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA	NA
1,1,1-Trichloroethar		NA NA	NA NA	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA NA	NA NA
1,1,2,2-Tetrachloro		NA NA	NA NA	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA NA	NA NA
1,1,2-Trichloroethar		NA	NA	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA	NA
1,1-Dichloroethane		NA	NA	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA	NA
1,1-Dichloroethene		NA	NA	ND(0.0010)	ND(0.0010) [ND(0.0010)]	NA	NA
1,2,3-Trichloropropa		NA	NA	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA	NA
1,2-Dibromo-3-chlo		NA NA	NA	ND(0.0050) J	ND(0.0050) J [ND(0.0050) J]	NA NA	NA NA
1,2-Dibromoethane 1.2-Dichloroethane		NA	NA	ND(0.0010)	ND(0.0010) [ND(0.0010)]	NA	NA NA
1,2-Dichloropropan	0	NA NA	NA NA	ND(0.0050) ND(0.0050)	ND(0.0050) [ND(0.0050)] ND(0.0050) [ND(0.0050)]	NA NA	NA NA
1,4-Dioxane	5	NA NA	NA NA	ND(0.20) J	ND(0.20) J [ND(0.20) J]	NA NA	NA NA
2-Butanone		NA NA	NA NA	ND(0.010) J	ND(0.010) J [ND(0.010) J]	NA NA	NA NA
2-Chloro-1,3-butadi	ene	NA NA	NA NA	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA	NA NA
2-Chloroethylvinyle		NA	NA	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA	NA
2-Hexanone		NA	NA	ND(0.010)	ND(0.010) [ND(0.010)]	NA	NA
3-Chloropropene		NA	NA	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA	NA
4-Methyl-2-pentano	ne	NA	NA	ND(0.010)	ND(0.010) [ND(0.010)]	NA	NA
Acetone		NA	NA	ND(0.010)	ND(0.010) [ND(0.010)]	NA	NA
Acetonitrile		NA	NA	ND(0.10) J	ND(0.10) J [ND(0.10) J]	NA	NA
Acrolein		NA	NA	ND(0.10)	ND(0.10) [ND(0.10)]	NA	NA NA
Acrylonitrile Benzene		NA NA	NA	ND(0.0050) J	ND(0.0050) J [ND(0.0050) J]	NA NA	NA NA
	ana	NA NA	NA NA	ND(0.0050) ND(0.0050)	0.0034 J [0.00064 J]	NA NA	NA NA
Bromodichlorometh Bromoform	ane	NA NA	NA NA	ND(0.0050)	ND(0.0050) [ND(0.0050)] ND(0.0050) [ND(0.0050)]	NA NA	NA NA
Bromomethane		NA NA	NA NA	ND(0.0030)	ND(0.0030) [ND(0.0030)]	NA NA	NA NA
Carbon Disulfide		NA NA	NA NA	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA NA	NA NA
Carbon Tetrachloric	de	NA	NA	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA	NA
Chlorobenzene		NA	NA	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA	NA
Chloroethane		NA	NA	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA	NA
Chloroform		NA	NA	0.00094 J	ND(0.0050) [ND(0.0050)]	NA	NA
Chloromethane		NA	NA	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA	NA
cis-1,3-Dichloroprop		NA	NA	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA	NA
Dibromochlorometh	ane	NA	NA	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA	NA
Dibromomethane	h	NA	NA	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA	NA NA
Dichlorodifluoromet	nane	NA NA	NA NA	ND(0.0050) ND(0.0050)	ND(0.0050) [ND(0.0050)] ND(0.0050) [ND(0.0050)]	NA NA	NA NA
Ethyl Methacrylate Ethylbenzene		NA NA	NA NA	ND(0.0050)	ND(0.0050) [ND(0.0050)] ND(0.0050) [ND(0.0050)]	NA NA	NA NA
lodomethane		NA NA	NA NA	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA NA	NA NA
Isobutanol		NA NA	NA NA	ND(0.10) J	ND(0.10) J [ND(0.10) J]	NA	NA NA
Methacrylonitrile		NA	NA	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA	NA
Methyl Methacrylate	Э	NA	NA	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA	NA
Methylene Chloride		NA	NA	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA	NA
Propionitrile		NA	NA	ND(0.010)	ND(0.010) [ND(0.010)]	NA	NA
Styrene		NA	NA	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA	NA
Tetrachloroethene		NA	NA	0.0034	ND(0.0020) [ND(0.0020)]	NA	NA NA
Toluene		NA NA	NA NA	ND(0.0050)	0.00091 J [ND(0.0050)]	NA NA	NA NA
trans-1,2-Dichloroe		NA NA	NA NA	ND(0.0050) ND(0.0050)	ND(0.0050) [ND(0.0050)] ND(0.0050) [ND(0.0050)]	NA NA	NA NA
trans-1,3-Dichlorope trans-1,4-Dichloro-2		NA NA	NA NA	ND(0.0050)	ND(0.0050) [ND(0.0050)] ND(0.0050) [ND(0.0050)]	NA NA	NA NA
Trichloroethene	2-buterie	NA NA	NA NA	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA NA	NA NA
Trichlorofluorometh	ane	NA NA	NA NA	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA NA	NA NA
Vinyl Acetate		NA NA	NA NA	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA NA	NA NA
Vinyl Chloride		NA	NA	ND(0.0020)	ND(0.0020) [ND(0.0020)]	NA	NA
Xylenes (total)		NA	NA	ND(0.010)	0.0040 J [0.00061 J]	NA	NA
Total VOCs		NA	NA	0.0043 J	0.019 J [0.0033 J]	NA	NA
PCBs-Unfiltered							
Aroclor-1016		NA	NA	ND(0.00025)	NA	NA	NA
Aroclor-1221		NA	NA	ND(0.00025)	NA	NA	NA
Aroclor-1232		NA	NA	ND(0.00025)	NA	NA	NA
Aroclor-1242		NA	NA	ND(0.00025)	NA NA	NA	NA NA
Aroclor-1248		NA NA	NA NA	ND(0.00025)	NA NA	NA NA	NA NA
		NA	NA	0.0023	NA	NA	NA
Aroclor-1254 Aroclor-1260		NA	NA	ND(0.00025)	NA	NA	NA

Parameter Di PCBs-Filtered Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1248 Aroclor-1248 Aroclor-1254 Aroclor-1260 Total PCBs Semivolatile Organic 1,2,4,5-Tetrachlorober 1,2,4-Trichlorobenzene 1,2-Diphenylhydrazine 1,3-Dirintrobenzene 1,3-Dirintrobenzene 1,3-Dirintrobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Naphthylamine 2,3,4,6-Tetrachlorophe	nzene e	B-2 10/09/03 NA NA NA NA NA NA NA NA NA	E-07 10/09/03 NA NA NA NA NA NA NA NA	Lyman Stre LS-29 10/13/03  ND(0.000065) ND(0.000065) ND(0.000065) ND(0.000065) ND(0.000065) ND(0.000065) 0.00056 ND(0.000065) 0.00056	NA N	NA N	Newell St. Area II GMA1-9 10/16/03  NA NA NA NA NA NA NA NA NA
PCBs-Filtered Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1254 Aroclor-1260 Total PCBs Semivolatile Organic 1,2,4,5-Tetrachlorobenzene 1,2-Diphenylhydrazine 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Diphenylhydrazine 1,3-Dinitrobenzene 1,4-Diphenylhydrazine 1,3-Dinitrobenzene 1,4-Diphenylhydrazine	s nizene	NA N	NA NA NA NA NA NA NA	ND(0.000065) ND(0.000065) ND(0.000065) ND(0.000065) ND(0.000065) ND(0.000065) 0.00056 ND(0.000065)	NA NA NA NA NA NA	NA NA NA NA NA	NA NA NA NA
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Total PCBs Semivolatile Organic 1,2,4,5-Tetrachloroben 1,2-Diphenylhydrazine 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Diphenylhydrazine	nzene e	NA	NA NA NA NA NA NA	ND(0.000065) ND(0.000065) ND(0.000065) ND(0.000065) 0.00056 ND(0.000065)	NA NA NA NA NA NA	NA NA NA NA	NA NA NA NA
Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1254 Aroclor-1260 Total PCBs Semivolatile Organic 1,2,4,5-Tetrachloroben 1,2-Dichlorobenzene 1,2-Diphenylhydrazine 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Naphthoquinone 1-Naphthylamine	nzene e	NA	NA NA NA NA NA NA	ND(0.000065) ND(0.000065) ND(0.000065) ND(0.000065) 0.00056 ND(0.000065)	NA NA NA NA NA NA	NA NA NA NA	NA NA NA NA
Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Total PCBs Semivolatile Organic 1,2,4,5-Tetrachlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Naphthoquinone 1-Naphthylamine	nzene e	NA N	NA NA NA NA NA NA NA NA	ND(0.000065) ND(0.000065) ND(0.000065) O.00056 ND(0.000065)	NA NA NA NA NA	NA NA NA	NA NA NA
Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Total PCBs Semivolatile Organic 1,2,4,5-Tetrachlorobenzene 1,2-Dichlorobenzene 1,2-Diphenylhydrazine 1,3,5-Trinitrobenzene 1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Daphthylamine	nzene e	NA NA NA NA NA NA	NA NA NA NA NA	ND(0.000065) ND(0.000065) 0.00056 ND(0.000065)	NA NA NA NA	NA NA NA	NA NA
Aroclor-1248 Aroclor-1254 Aroclor-1260 Total PCBs Semivolatile Organic 1,2,4,5-Tetrachlorober 1,2-Dichlorobenzene 1,2-Diphenylhydrazine 1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Daphthylamine	nzene e	NA NA NA NA NA NA	NA NA NA NA	ND(0.000065) 0.00056 ND(0.000065)	NA NA NA	NA NA	NA
Aroclor-1254 Aroclor-1260 Total PCBs Semivolatile Organic 1,2,4,5-Tetrachlorober 1,2-Dichlorobenzene 1,2-Diphenylhydrazine 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 1,4-Naphthoquinone 1-Naphthylamine	nzene e	NA NA NA NA NA	NA NA NA	0.00056 ND(0.000065)	NA NA	NA	
Aroclor-1260 Total PCBs Semivolatile Organic 1,2,4,5-Tetrachlorober 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,2-Diphenylhydrazine 1,3-Dirintrobenzene 1,3-Dirintrobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 1,4-Naphthoquinone 1-Naphthylamine	nzene e	NA NA NA NA	NA NA	ND(0.000065)	NA		NA
Total PCBs Semivolatile Organic 1,2,4,5-Tetrachlorober 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,2-Diphenylhydrazine 1,3,5-Trinitrobenzene 1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 1,4-Naphthoquinone 1-Naphthylamine	nzene e	NA NA NA	NA NA				
Semivolatile Organic 1,2,4,5-Tetrachloroben 1,2,4-Trichlorobenzene 1,2-Diphenylhydrazine 1,3,5-Trinitrobenzene 1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 1,4-Naphthoquinone 1-Naphthylamine	nzene e	NA NA NA	NA	0.00056		NA NA	NA NA
1,2,4,5-Tetrachlorober 1,2,4-Trichlorobenzene 1,2-Diphenylhydrazine 1,3-Diphenylhydrazine 1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 1,4-Naphthoquinone 1-Naphthylamine	nzene e	NA NA			NA	IVA	INA
1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,2-Diphenylhydrazine 1,3-5-Trinitrobenzene 1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 1,4-Naphthoquinone 1-Naphthylamine	е	NA NA		ND(0.010)	NA	NA	NA
1,2-Dichlorobenzene 1,2-Diphenylhydrazine 1,3-5-Trinitrobenzene 1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 1,4-Naphthoquinone 1-Naphthylamine		NA		ND(0.010)	ND(0.0050) [ND(0.0050)]	NA NA	NA NA
1,2-Diphenylhydrazine 1,3,5-Trinitrobenzene 1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 1,4-Naphthoquinone 1-Naphthylamine	!		NA NA	ND(0.010)	ND(0.0050) [ND(0.0050)]	NA NA	NA NA
1,3,5-Trinitrobenzene 1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 1,4-Naphthoquinone 1-Naphthylamine		NA	NA	ND(0.010)	NA	NA NA	NA NA
1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 1,4-Naphthoquinone 1-Naphthylamine		NA	NA	ND(0.010) J	NA NA	NA	NA
1,4-Dichlorobenzene 1,4-Naphthoquinone 1-Naphthylamine		NA	NA	ND(0.010)	ND(0.0050) [ND(0.0050)]	NA	NA
1,4-Naphthoquinone 1-Naphthylamine		NA	NA	ND(0.010) J	NA NA	NA	NA
1-Naphthylamine		NA	NA	ND(0.010)	ND(0.0050) [ND(0.0050)]	NA	NA
		NA	NA	ND(0.010)	NA NA	NA	NA
2 3 4 6-Tetrachlorophe	_	NA	NA	ND(0.010)	NA	NA	NA
	enol	NA	NA	ND(0.010)	NA	NA	NA
2,4,5-Trichlorophenol		NA	NA	ND(0.010)	NA	NA	NA
2,4,6-Trichlorophenol		NA	NA NA	ND(0.010)	NA NA	NA NA	NA NA
2,4-Dichlorophenol		NA	NA NA	ND(0.010)	NA NA	NA NA	NA
2,4-Dimethylphenol		NA	NA NA	ND(0.010)	NA NA	NA NA	NA NA
2,4-Dinitrophenol 2,4-Dinitrotoluene	+	NA NA	NA NA	ND(0.050) ND(0.010)	NA NA	NA NA	NA NA
2,6-Dichlorophenol		NA NA	NA NA	ND(0.010)	NA NA	NA NA	NA NA
2.6-Dinitrotoluene		NA NA	NA NA	ND(0.010)	NA NA	NA NA	NA NA
2-Acetylaminofluorene		NA	NA	ND(0.010)	NA NA	NA NA	NA NA
2-Chloronaphthalene		NA	NA	ND(0.010)	NA NA	NA NA	NA NA
2-Chlorophenol		NA	NA	ND(0.010)	NA NA	NA	NA
2-Methylnaphthalene		NA	NA	ND(0.010)	NA	NA	NA
2-Methylphenol		NA	NA	ND(0.010)	NA	NA	NA
2-Naphthylamine		NA	NA	ND(0.010)	NA	NA	NA
2-Nitroaniline		NA	NA	ND(0.050) J	NA	NA	NA
2-Nitrophenol		NA	NA	ND(0.010)	NA	NA	NA
2-Picoline		NA	NA	ND(0.010)	NA	NA	NA
3&4-Methylphenol		NA	NA NA	ND(0.010)	NA NA	NA NA	NA
3,3'-Dichlorobenzidine		NA	NA NA	ND(0.020)	NA NA	NA NA	NA NA
3,3'-Dimethylbenzidine	)	NA NA	NA NA	ND(0.010) J	NA NA	NA NA	NA NA
3-Methylcholanthrene 3-Nitroaniline		NA NA	NA NA	ND(0.010) ND(0.050)	NA NA	NA NA	NA NA
4,6-Dinitro-2-methylph	enol	NA NA	NA NA	ND(0.050)	NA NA	NA NA	NA NA
4-Aminobiphenyl	enoi	NA NA	NA NA	ND(0.030)	NA NA	NA NA	NA NA
4-Bromophenyl-phenyl	lether	NA	NA	ND(0.010)	NA NA	NA NA	NA NA
4-Chloro-3-Methylpher		NA	NA	ND(0.010)	NA NA	NA NA	NA NA
4-Chloroaniline		NA	NA	ND(0.010)	NA NA	NA NA	NA
4-Chlorobenzilate		NA	NA	ND(0.010) J	NA	NA	NA
4-Chlorophenyl-pheny	lether	NA	NA	ND(0.010)	NA	NA	NA
4-Nitroaniline	_	NA	NA	ND(0.050)	NA	NA	NA
4-Nitrophenol		NA	NA	ND(0.050)	NA	NA	NA
4-Nitroquinoline-1-oxid	le	NA	NA	ND(0.010) J	NA	NA	NA
4-Phenylenediamine		NA	NA	ND(0.010)	NA NA	NA NA	NA
5-Nitro-o-toluidine		NA	NA NA	ND(0.010)	NA NA	NA NA	NA
7,12-Dimethylbenz(a)a		NA NA	NA NA	ND(0.010)	NA NA	NA NA	NA NA
a,a'-Dimethylphenethy	iainine	NA NA	NA NA	ND(0.010)	NA NA	NA NA	NA NA
Acenaphthene Acenaphthylene		NA NA	NA NA	ND(0.010) ND(0.010)	NA NA	NA NA	NA NA
Acetophenone	+	NA NA	NA NA	ND(0.010) ND(0.010)	NA NA	NA NA	NA NA
Aniline	+	NA NA	NA NA	ND(0.010) ND(0.010)	NA NA	NA NA	NA NA
Anthracene		NA NA	NA NA	ND(0.010) ND(0.010)	NA NA	NA NA	NA NA
Aramite	+	NA NA	NA NA	ND(0.010) J	NA NA	NA NA	NA NA
Benzidine	+	NA NA	NA NA	ND(0.020) J	NA NA	NA NA	NA NA
Benzo(a)anthracene	+	NA NA	NA NA	ND(0.020) 3	NA NA	NA NA	NA NA
Benzo(a)pyrene		NA	NA	ND(0.010)	NA NA	NA NA	NA NA
Benzo(b)fluoranthene		NA	NA	ND(0.010)	NA	NA	NA
Benzo(g,h,i)perylene		NA	NA	ND(0.010)	NA	NA	NA

Site ID:			Lyman Stre	et Area		Newell St. Area II
Sample ID:		E-07	LS-29	LS-MW-3R	LS-MW-6R	GMA1-9
Parameter Date Collected	10/09/03	10/09/03	10/13/03	10/13/03	10/09/03	10/16/03
Semivolatile Organics (continued)			_			
Benzo(k)fluoranthene	NA	NA	ND(0.010)	NA	NA	NA
Benzyl Alcohol	NA	NA	ND(0.020)	NA	NA	NA
bis(2-Chloroethoxy)methane	NA	NA	ND(0.010)	NA NA	NA	NA NA
bis(2-Chloroethyl)ether	NA	NA	ND(0.010)	NA NA	NA	NA NA
bis(2-Chloroisopropyl)ether	NA	NA	ND(0.010) J	NA NA	NA	NA NA
bis(2-Ethylhexyl)phthalate	NA NA	NA NA	ND(0.0060)	NA NA	NA NA	NA NA
Butylbenzylphthalate Chrysene	NA NA	NA NA	ND(0.010) ND(0.010)	NA NA	NA NA	NA NA
Diallate	NA NA	NA NA	ND(0.010)	NA NA	NA NA	NA NA
Dibenzo(a.h)anthracene	NA NA	NA NA	ND(0.010)	NA NA	NA NA	NA NA
Dibenzofuran	NA NA	NA NA	ND(0.010)	NA NA	NA NA	NA NA
Diethylphthalate	NA NA	NA NA	ND(0.010)	NA NA	NA NA	NA NA
Dimethylphthalate	NA NA	NA NA	ND(0.010)	NA NA	NA NA	NA NA
Di-n-Butylphthalate	NA	NA NA	ND(0.010)	NA NA	NA	NA NA
Di-n-Octylphthalate	NA NA	NA NA	ND(0.010)	NA NA	NA NA	NA NA
Diphenylamine	NA	NA	ND(0.010)	NA	NA	NA
Ethyl Methanesulfonate	NA	NA	ND(0.010)	NA	NA	NA
Fluoranthene	NA	NA	ND(0.010)	NA	NA	NA
Fluorene	NA	NA	ND(0.010)	NA	NA	NA
Hexachlorobenzene	NA	NA	ND(0.010)	NA	NA	NA
Hexachlorobutadiene	NA	NA	ND(0.0010)	NA	NA	NA
Hexachlorocyclopentadiene	NA	NA	ND(0.010)	NA	NA	NA
Hexachloroethane	NA	NA	ND(0.010)	NA	NA	NA
Hexachlorophene	NA	NA	ND(0.020) J	NA	NA	NA
Hexachloropropene	NA	NA	ND(0.010)	NA	NA	NA
Indeno(1,2,3-cd)pyrene	NA	NA	ND(0.010)	NA	NA	NA
Isodrin	NA	NA	ND(0.010)	NA	NA	NA
Isophorone	NA	NA	ND(0.010)	NA	NA	NA
Isosafrole	NA	NA	ND(0.010)	NA NA	NA	NA
Methapyrilene	NA	NA	ND(0.010)	NA	NA	NA
Methyl Methanesulfonate	NA	NA	ND(0.010)	NA	NA	NA
Naphthalene	NA	NA	ND(0.010)	0.011 J [0.0020 J]	NA	NA NA
Nitrobenzene	NA	NA NA	ND(0.010)	NA NA	NA	NA NA
N-Nitrosodiethylamine	NA	NA NA	ND(0.010)	NA NA	NA NA	NA NA
N-Nitrosodimethylamine	NA NA	NA NA	ND(0.010)	NA NA	NA NA	NA NA
N-Nitroso-di-n-butylamine	NA NA	NA NA	ND(0.010) ND(0.010)	NA NA	NA NA	NA NA
N-Nitroso-di-n-propylamine N-Nitrosodiphenylamine	NA NA	NA NA	ND(0.010)	NA NA	NA NA	NA NA
N-Nitrosomethylethylamine	NA NA	NA NA	ND(0.010)	NA NA	NA NA	NA NA
N-Nitrosomorpholine	NA NA	NA NA	ND(0.010)	NA NA	NA NA	NA NA
N-Nitrosopiperidine	NA NA	NA NA	ND(0.010)	NA NA	NA NA	NA NA
N-Nitrosopyrrolidine	NA NA	NA NA	ND(0.010)	NA NA	NA NA	NA NA
o,o,o-Triethylphosphorothioate	NA NA	NA NA	ND(0.010)	NA NA	NA NA	NA NA
o-Toluidine	NA NA	NA NA	ND(0.010)	NA NA	NA.	NA NA
p-Dimethylaminoazobenzene	NA	NA	ND(0.010)	NA	NA	NA
Pentachlorobenzene	NA.	NA NA	ND(0.010)	NA NA	NA NA	NA NA
Pentachloroethane	NA	NA	ND(0.010)	NA NA	NA	NA NA
Pentachloronitrobenzene	NA	NA	ND(0.010)	NA	NA	NA
Pentachlorophenol	NA	NA	ND(0.050)	NA	NA	NA
Phenacetin	NA	NA	ND(0.010)	NA	NA	NA
Phenanthrene	NA	NA	ND(0.010)	NA	NA	NA
Phenol	NA	NA	ND(0.010)	NA	NA	NA
Pronamide	NA	NA	ND(0.010)	NA	NA	NA
Pyrene	NA	NA	ND(0.010)	NA	NA	NA
Pyridine	NA	NA	ND(0.010)	NA	NA	NA
Safrole	NA	NA	ND(0.010)	NA	NA	NA
Thionazin	NA	NA	ND(0.010)	NA	NA	NA

Parameter   Date Cellected   Date Cellected   Diognos   Diognos		Site ID:		Lyman Street Area					
Figure   Part   Part		Sample ID:	B-2				LS-MW-6R	Newell St. Area II GMA1-9	
23.78 PCDF		Date Collected:	10/09/03	10/09/03	10/13/03	10/13/03	10/09/03	10/16/03	
TGDFs (total)									
12.3.7.6 PACDEF									
23.4.7.8 PECDF   NA   NA   NO(0.000000098)   NA   NA   NA   NA   NA   NA   NA   N	· /				. ,				
PeCDFs (totals)									
12.3.4.7.8.HXCDF	, , , ,				(				
12.37.6.9-HxCDF		F	NA	NA	0.0000000064 J	NA	NA	NA	
23.4.6,7.8+hCDF									
HACDFS (total)					, ,				
12.3.4 f.7.8 +PiCDF		)F							
12.3.6.7,8.0-HpCDF		'DE							
HBCDF6 (total)									
Dioxins	1 1-1 1 1-1-				(				
2.3.7.8-TCDD	OCDF		NA	NA	ND(0.00000011)	NA	NA	NA	
TCDDs (total)									
12,33,78-PeCDD									
PeCDE   Ioda									
12.34.7.8-HxCDD	, , , ,				(				
12.23, 7.8 + HxCDD		DD .							
12.37,89-HxCDD					· '				
12.3.4.6.7.8-HpCDD	1,2,3,7,8,9-HxCD		NA	NA	ND(0.0000000050)	NA	NA	NA	
HoCDDs (total)	- (				. ,				
OCDD		DD			( ,				
Total TEOS (WHO TEFS)									
		) TFFs)							
Antimory	_				0.00000000				
Barium			NA	NA	ND(0.0600)	NA	NA	NA	
Beryllium	Arsenic		NA	NA	ND(0.0100) J	NA	NA	NA	
Cadmium         NA         NA         ND(0.00500)         NA         NA         NA           Chromium         NA         NA         NA         ND(0.0100)         NA         NA         NA           Cobalt         NA         NA         NA         NA         NA         NA           Copper         NA         NA         NA         NA         NA         NA           Cyanide         NA         NA         NA         NA         NA         NA           Lead         NA         NA         NA         NA         NA         NA           Mercury         ND(0.00200)         NA									
Chromium									
Cobalt         NA         NA         ND(0.0500)         NA         NA         NA           Copper         NA         NA         NA         ND(0.025)         NA         NA         NA           Cyanide         NA         NA         NA         ND(0.0100)         NA         NA         NA           Lead         NA         NA         0.00250 J         NA         NA         NA         NA           Mercury         ND(0.000200)         ND(0.000200)         ND(0.000200)         NA         ND(0.000200)         ND(0.0000200)         ND(0.000200)         ND(0.0									
Copper         NA         NA         NA         ND(0.025)         NA					\ /				
Cyanide         NA         NA         ND(0.0100)         NA         NA         NA         NA           Lead         NA         NA         NA         0.00250 J         NA         NA         NA         NA           Mercury         ND(0.000200)         ND(0.000200)         ND(0.000200)         NA         ND(0.000200)         ND(0.000200)         ND(0.000200)         ND(0.000200)         NA					` '				
Mercury   ND(0.000200)   ND(0.000200)   ND(0.000200)   NA   NA   ND(0.000200)   ND(0.000200)   NIckel   NA   NA   NA   NA   ND(0.00500)   NA   NA   NA   NA   NA   NA   NA   N			NA	NA	ND(0.0100)	NA	NA	NA	
Nickel									
Selenium         NA         NA         ND(0.00500) J         NA         NA         NA           Silver         NA         NA         ND(0.00500)         NA         NA         NA           Sulfide         NA         NA         ND(0.0000)         NA         NA         NA           Thallium         NA         NA         ND(0.0000)         NA         NA         NA           Thallium         NA         NA         ND(0.0000)         NA         NA         NA           Thallium         NA         NA         ND(0.0300)         NA         NA         NA           Vandadium         NA         NA         ND(0.0500)         NA         NA         NA           Jinc         NA         NA         NA         ND(0.0600)         NA         NA         NA           Anterior         NA         NA         NA         ND(0.0100)									
Silver         NA         NA         ND(0.00500)         NA         NA         NA           Sulfide         NA         NA         ND(0.000)         NA         NA         NA           Thallium         NA         NA         ND(0.0100)         NA         NA         NA           Tin         NA         NA         NA         ND(0.0300)         NA         NA         NA           Vanadium         NA         NA         ND(0.0500)         NA         NA         NA         NA           Vanadium         NA         NA         ND(0.0500)         NA         NA         NA         NA           Vanadium         NA         NA         ND(0.0500)         NA         NA         NA         NA           Jinc         NA         NA         NA         ND(0.0200)         NA         NA         NA         NA           Jinc         NA         NA         NA         ND(0.0200)         NA         N					( /				
Sulfide         NA         NA         ND(5.00)         NA         NA         NA           Thallium         NA         NA         NA         NA         NA         NA           Tin         NA         NA         NA         NA         NA         NA           Vanadium         NA         NA         NA         NA         NA         NA           Jinc         NA         NA         NA         NA         NA         NA           Antinony         NA         NA         <									
Thallium         NA         NA         ND(0.0100) J         NA         NA         NA         NA           Tin         NA         NA         NA         ND(0.0300)         NA         NA         NA         NA           Vanadium         NA         NA         NA         ND(0.0500)         NA         NA         NA         NA           Zinc         NA         NA         ND(0.0200) J         NA									
Vanadium         NA         NA         ND(0.0500)         NA         NA         NA         NA           Zinc         NA         NA         NA         ND(0.0200) J         NA         NA         NA         NA           Inorganics-Filtered         NA         NA         ND(0.0600)         NA         NA         NA         NA           Antimony         NA         NA         ND(0.0100) J         NA         NA         NA         NA           Arsenic         NA         NA         ND(0.0100) J         NA         NA <td></td> <td></td> <td></td> <td>NA</td> <td></td> <td></td> <td></td> <td>NA</td>				NA				NA	
Zinc					\ /				
NA									
Antimony         NA         NA         ND(0.0600)         NA         NA         NA         NA           Arsenic         NA         NA         ND(0.0100) J         NA         NA         NA         NA           Barium         NA		d	NA	NA	ND(0.0200) J	NA	NA	NA	
Arsenic         NA         NA         ND(0.0100) J         NA         NA         NA           Barium         NA         NA         0.00700 B         NA         NA         NA           Beryllium         NA         NA         NA         NA         NA         NA           Cadmium         NA         NA         ND(0.0100)         NA         NA         NA           Chromium         NA         NA         ND(0.0100)         NA         NA         NA           Cobalt         NA         NA         NA         NA         NA         NA           Copper         NA         NA         NA         NA         NA         NA           Cyanide         NA         NA         NA         NA         NA         NA           Lead         NA         NA         NA         NA         NA         NA           Mercury         ND(0.000200)         ND(0.000200)         ND(0.000200)         NA         NA         NA           Mickel         NA         NA         NA         NA         NA         NA         NA           Selenium         NA         NA         NA         NA         NA         NA		leu	N/A	NΛ	ND(0 0600)	NΙΛ	NΙΛ	NΙΛ	
Barium         NA         NA         0.00700 B         NA         NA         NA         NA           Beryllium         NA         NA         ND(0.00100)         NA         <	,				\ /				
Beryllium         NA         NA         ND(0.00100)         NA         NA         NA         NA           Cadmium         NA         NA         ND(0.00500)         NA         NA         NA         NA           Chromium         NA         NA         ND(0.0100)         NA         NA         NA         NA           Cobalt         NA         NA         ND(0.0500)         NA									
Chromium         NA         NA         ND(0.0100)         NA         NA         NA           Cobalt         NA         NA         ND(0.0500)         NA         NA         NA           Copper         NA         NA         ND(0.0250)         NA         NA         NA           Cyanide         NA         NA         ND(0.0100)         NA         NA         NA           Lead         NA         NA         ND(0.00300)         NA         NA         NA           Mercury         ND(0.000200)         ND(0.000200)         ND(0.000200)         NA         ND(0.000200)         ND(0.000200)           Nickel         NA         NA         ND(0.00500)         NA         NA         NA           Selenium         NA         NA         NA         NA         NA         NA           Silver         NA         NA         NA         NA         NA         NA           Tin         NA         NA         NA         NA         NA         NA           Vanadium         NA         NA         ND(0.0500)         NA         NA         NA	Beryllium		NA	NA	ND(0.00100)	NA	NA	NA	
Cobalt         NA         NA         ND(0.0500)         NA         NA         NA         NA           Copper         NA         NA         NA         ND(0.0250)         NA         NA         NA         NA           Cyanide         NA         NA         ND(0.0100)         NA         NA         NA         NA           Lead         NA         NA         ND(0.00300)         NA         NA         NA         NA           Mercury         ND(0.00200)         ND(0.00200)         ND(0.00200)         NA         ND(0.00200)         ND(0.00200)         NA         NA         NA         NA           Selenium         NA         NA </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
Copper         NA         NA         ND(0.0250)         NA         NA         NA           Cyanide         NA         NA         ND(0.0100)         NA         NA         NA           Lead         NA         NA         ND(0.00300) J         NA         NA         NA           Mercury         ND(0.000200)         ND(0.000200)         ND(0.000200)         NA         ND(0.000200)         ND(0.000200)           Nickel         NA         NA         ND(0.0400)         NA         NA         NA           Selenium         NA         NA         ND(0.00500) J         NA         NA         NA           Silver         NA         NA         ND(0.00500)         NA         NA         NA           Thallium         NA         NA         ND(0.0100) J         NA         NA         NA           Vanadium         NA         NA         ND(0.0500)         NA         NA         NA									
Cyanide         NA         NA         ND(0.0100)         NA         NA         NA         NA           Lead         NA         NA         ND(0.00300) J         NA         NA         NA         NA           Mercury         ND(0.000200)         ND(0.000200)         ND(0.000200)         NA         ND(0.000200)         ND(0.000200)         NA         NA </td <td></td> <td></td> <td></td> <td></td> <td>\ /</td> <td></td> <td></td> <td></td>					\ /				
Lead         NA         NA         ND(0.00300) J         NA         NA         NA         NA           Mercury         ND(0.000200)         ND(0.000200)         ND(0.000200)         NA         ND(0.000200)         ND(0.000200)         NA         ND(0.000200)         ND(0.000200)         NA					` '				
Mercury         ND(0.000200)         ND(0.000200)         ND(0.000200)         NA         ND(0.000200)         ND(0.000200)           Nickel         NA         NA         ND(0.0400)         NA         NA         NA           Selenium         NA         NA         ND(0.00500) J         NA         NA         NA           Silver         NA         NA         ND(0.00500)         NA         NA         NA           Thallium         NA         NA         ND(0.0100) J         NA         NA         NA           Tin         NA         NA         ND(0.0300)         NA         NA         NA           Vanadium         NA         NA         ND(0.0500)         NA         NA         NA	_				\ /				
Nickel         NA         NA         ND(0.0400)         NA         NA         NA           Selenium         NA         NA         ND(0.00500) J         NA         NA         NA           Silver         NA         NA         ND(0.00500)         NA         NA         NA           Thallium         NA         NA         ND(0.0100) J         NA         NA         NA           Tin         NA         NA         ND(0.0300)         NA         NA         NA           Vanadium         NA         NA         ND(0.0500)         NA         NA         NA									
Silver         NA         NA         ND(0.00500)         NA         NA         NA           Thallium         NA         NA         ND(0.0100) J         NA         NA         NA           Tin         NA         NA         ND(0.0300)         NA         NA         NA           Vanadium         NA         NA         ND(0.0500)         NA         NA         NA			NA		\ /		NA	NA	
Thallium         NA         NA         ND(0.0100) J         NA         NA         NA           Tin         NA         NA         ND(0.0300)         NA         NA         NA           Vanadium         NA         NA         ND(0.0500)         NA         NA         NA									
Tin         NA         NA         ND(0.0300)         NA         NA         NA           Vanadium         NA         NA         ND(0.0500)         NA         NA         NA					` '				
Vanadium         NA         NA         ND(0.0500)         NA         NA         NA					\ /				
	Zinc		NA NA	NA NA	ND(0.0300)	NA NA	NA NA	NA NA	

#### GROUNDWATER QUALITY INTERIM REPORT FOR FALL 2003 GROUNDWATER MANAGEMENT AREA 1 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sit	te ID:	Newell St. Area II						
Sampl		NS-09	NS-17	NS-20	NS-37			
Parameter Date Collection	cted: 10/17/03	10/16/03	10/15/03	10/16/03	10/17/03			
Volatile Organics								
1,1,1,2-Tetrachloroethane	NA	NA	NA	NA	NA			
1,1,1-Trichloroethane	NA NA	NA NA	NA NA	NA NA	NA NA			
1,1,2,2-Tetrachloroethane 1,1,2-Trichloroethane	NA NA	NA NA	NA NA	NA NA	NA NA			
1,1-Dichloroethane	NA NA	NA NA	NA NA	NA NA	NA NA			
1,1-Dichloroethene	NA NA	NA NA	NA NA	NA NA	NA NA			
1,2,3-Trichloropropane	NA	NA	NA	NA	NA			
1,2-Dibromo-3-chloropropane	NA	NA	NA	NA	NA			
1,2-Dibromoethane	NA	NA	NA	NA	NA			
1,2-Dichloroethane	NA	NA	NA	NA	NA			
1,2-Dichloropropane	NA NA	NA NA	NA NA	NA NA	NA NA			
1,4-Dioxane 2-Butanone	NA NA	NA NA	NA NA	NA NA	NA NA			
2-Chloro-1,3-butadiene	NA NA	NA NA	NA NA	NA NA	NA NA			
2-Chloroethylvinylether	NA NA	NA NA	NA NA	NA NA	NA			
2-Hexanone	NA	NA	NA	NA	NA			
3-Chloropropene	NA	NA	NA	NA	NA			
4-Methyl-2-pentanone	NA	NA	NA	NA	NA			
Acetone	NA	NA	NA	NA	NA			
Acetonitrile	NA NA	NA NA	NA NA	NA NA	NA NA			
Acrolein	NA NA	NA NA	NA NA	NA NA	NA NA			
Acrylonitrile Benzene	NA NA	NA NA	NA NA	NA NA	NA NA			
Bromodichloromethane	NA NA	NA NA	NA NA	NA NA	NA NA			
Bromoform	NA NA	NA NA	NA NA	NA NA	NA			
Bromomethane	NA	NA	NA	NA	NA			
Carbon Disulfide	NA	NA	NA	NA	NA			
Carbon Tetrachloride	NA	NA	NA	NA	NA			
Chlorobenzene	NA	NA	NA	NA	NA			
Chloroethane	NA NA	NA NA	NA NA	NA NA	NA NA			
Chloroform Chloromethane	NA NA	NA NA	NA NA	NA NA	NA NA			
cis-1,3-Dichloropropene	NA NA	NA NA	NA NA	NA NA	NA NA			
Dibromochloromethane	NA NA	NA NA	NA NA	NA NA	NA NA			
Dibromomethane	NA	NA	NA	NA	NA			
Dichlorodifluoromethane	NA	NA	NA	NA	NA			
Ethyl Methacrylate	NA	NA	NA	NA	NA			
Ethylbenzene	NA	NA	NA	NA	NA			
lodomethane	NA NA	NA NA	NA	NA	NA			
Isobutanol Mathagradanitrila	NA NA	NA NA	NA NA	NA NA	NA NA			
Methacrylonitrile Methyl Methacrylate	NA NA	NA NA	NA NA	NA NA	NA NA			
Methylene Chloride	NA NA	NA NA	NA NA	NA NA	NA NA			
Propionitrile	NA NA	NA NA	NA NA	NA NA	NA			
Styrene	NA	NA	NA	NA	NA			
Tetrachloroethene	NA	NA	NA	NA	NA			
Toluene	NA	NA	NA	NA	NA			
trans-1,2-Dichloroethene	NA	NA	NA	NA	NA			
trans-1,3-Dichloropropene	NA NA	NA NA	NA NA	NA NA	NA NA			
trans-1,4-Dichloro-2-butene Trichloroethene	NA NA	NA NA	NA NA	NA NA	NA NA			
Trichlorofluoromethane	NA NA	NA NA	NA NA	NA NA	NA NA			
Vinyl Acetate	NA NA	NA NA	NA NA	NA NA	NA NA			
Vinyl Chloride	NA NA	NA NA	NA NA	NA NA	NA			
Xylenes (total)	NA	NA	NA	NA	NA			
Total VOCs	NA	NA	NA	NA	NA			
PCBs-Unfiltered								
Aroclor-1016	NA	NA	NA	NA	NA			
Aroclor-1221	NA	NA	NA	NA	NA			
Aroclor-1232	NA NA	NA NA	NA NA	NA NA	NA NA			
Aroclor-1242	NA NA	NA NA	NA NA	NA NA	NA NA			
Aroclor-1248 Aroclor-1254	NA NA	NA NA	NA NA	NA NA	NA NA			
Aroclor-1260	NA NA	NA NA	NA NA	NA NA	NA NA			

Site ID:	D: Newell St. Area II						
Sample ID:	N2SC-07S	NS-09	NS-17	NS-20	NS-37		
Parameter Date Collected:	10/17/03	10/16/03	10/15/03	10/16/03	10/17/03		
PCBs-Filtered							
Aroclor-1016	NA	NA	NA	NA NA	NA		
Aroclor-1221	NA NA	NA NA	NA NA	NA NA	NA NA		
Aroclor-1232 Aroclor-1242	NA NA	NA NA	NA NA	NA NA	NA NA		
Aroclor-1248	NA NA	NA NA	NA NA	NA NA	NA NA		
Aroclor-1254	NA NA	NA NA	NA NA	NA NA	NA		
Aroclor-1260	NA	NA	NA	NA	NA		
Total PCBs	NA	NA	NA	NA	NA		
Semivolatile Organics							
,2,4,5-Tetrachlorobenzene	NA	NA	NA	NA	NA		
,2,4-Trichlorobenzene	NA	NA	NA	NA NA	NA		
,2-Dichlorobenzene	NA	NA NA	NA NA	NA NA	NA NA		
,2-Diphenylhydrazine ,3,5-Trinitrobenzene	NA NA	NA NA	NA NA	NA NA	NA NA		
,3-Dichlorobenzene	NA NA	NA NA	NA NA	NA NA	NA NA		
,3-Dinitrobenzene	NA NA	NA NA	NA NA	NA NA	NA NA		
,4-Dichlorobenzene	NA NA	NA NA	NA NA	NA NA	NA NA		
,4-Naphthoquinone	NA	NA	NA	NA NA	NA		
-Naphthylamine	NA	NA	NA	NA	NA		
,3,4,6-Tetrachlorophenol	NA	NA	NA	NA	NA		
2,4,5-Trichlorophenol	NA	NA	NA	NA	NA		
2,4,6-Trichlorophenol	NA	NA NA	NA NA	NA NA	NA		
2,4-Dichlorophenol	NA NA	NA NA	NA NA	NA NA	NA NA		
2,4-Dimethylphenol 2,4-Dinitrophenol	NA NA	NA NA	NA NA	NA NA	NA NA		
2,4-Dinitrophenol	NA NA	NA NA	NA NA	NA NA	NA NA		
2,6-Dichlorophenol	NA NA	NA NA	NA NA	NA NA	NA NA		
2,6-Dinitrotoluene	NA	NA	NA NA	NA NA	NA		
-Acetylaminofluorene	NA	NA	NA	NA	NA		
2-Chloronaphthalene	NA	NA	NA	NA	NA		
2-Chlorophenol	NA	NA	NA	NA	NA		
-Methylnaphthalene	NA	NA	NA	NA	NA		
2-Methylphenol	NA NA	NA NA	NA NA	NA NA	NA NA		
2-Naphthylamine 2-Nitroaniline	NA NA	NA NA	NA NA	NA NA	NA NA		
2-Nitrophenol	NA NA	NA NA	NA NA	NA NA	NA NA		
?-Picoline	NA NA	NA NA	NA NA	NA NA	NA NA		
8&4-Methylphenol	NA	NA	NA	NA NA	NA		
3,3'-Dichlorobenzidine	NA	NA	NA	NA	NA		
,3'-Dimethylbenzidine	NA	NA	NA	NA	NA		
-Methylcholanthrene	NA	NA	NA	NA	NA		
-Nitroaniline	NA	NA	NA	NA	NA		
,6-Dinitro-2-methylphenol	NA	NA	NA	NA NA	NA		
-Aminobiphenyl	NA NA	NA NA	NA NA	NA NA	NA NA		
-Bromophenyl-phenylether -Chloro-3-Methylphenol	NA NA	NA NA	NA NA	NA NA	NA NA		
Chloroaniline	NA NA	NA NA	NA NA	NA NA	NA NA		
-Chlorobenzilate	NA NA	NA NA	NA NA	NA NA	NA NA		
-Chlorophenyl-phenylether	NA	NA	NA	NA NA	NA		
-Nitroaniline	NA	NA	NA	NA	NA		
-Nitrophenol	NA	NA	NA	NA	NA		
-Nitroquinoline-1-oxide	NA	NA	NA	NA	NA		
-Phenylenediamine	NA NA	NA NA	NA NA	NA NA	NA NA		
-Nitro-o-toluidine	NA NA	NA NA	NA NA	NA NA	NA NA		
,12-Dimethylbenz(a)anthracene ,a'-Dimethylphenethylamine	NA NA	NA NA	NA NA	NA NA	NA NA		
cenaphthene	NA NA	NA NA	NA NA	NA NA	NA NA		
cenaphthylene	NA NA	NA NA	NA NA	NA NA	NA NA		
cetophenone	NA NA	NA NA	NA NA	NA NA	NA		
niline	NA	NA	NA	NA NA	NA		
Inthracene	NA	NA	NA	NA	NA		
ramite	NA	NA	NA	NA	NA		
Benzidine	NA	NA	NA	NA	NA		
Benzo(a)anthracene	NA	NA	NA	NA	NA		
Benzo(a)pyrene	NA	NA	NA	NA	NA		
Benzo(b)fluoranthene	NA	NA NA	NA NA	NA NA	NA		
Benzo(g,h,i)perylene	NA	NA	NA	NA	NA		

	Site ID:			Newell St. Area II		
	Sample ID:	N2SC-07S	NS-09	NS-17	NS-20	NS-37
Parameter	Date Collected:	10/17/03	10/16/03	10/15/03	10/16/03	10/17/03
Semivolatile Orç	ganics (continued)					
Benzo(k)fluoranth	nene	NA	NA	NA	NA	NA
Benzyl Alcohol		NA	NA	NA	NA	NA
bis(2-Chloroethox		NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether		NA	NA	NA	NA	NA
bis(2-Chloroisopr		NA	NA	NA	NA	NA
bis(2-Ethylhexyl)p		NA NA	NA NA	NA NA	NA NA	NA NA
Butylbenzylphtha	iate	NA NA	NA NA	NA NA	NA NA	NA NA
Chrysene		NA NA	NA NA	NA NA	NA NA	NA NA
Diallate Dibenzo(a,h)anth	racono	NA NA	NA NA	NA NA	NA NA	NA NA
Dibenzo(a,n)anın Dibenzofuran	racerie	NA NA	NA NA	NA NA	NA NA	NA NA
Diethylphthalate		NA NA	NA NA	NA NA	NA NA	NA NA
Dimethylphthalate	2	NA NA	NA NA	NA NA	NA NA	NA NA
Di-n-Butylphthala		NA NA	NA NA	NA NA	NA NA	NA NA
Di-n-Butylphthala		NA NA	NA NA	NA NA	NA NA	NA NA
Diphenylamine		NA NA	NA NA	NA NA	NA NA	NA NA
Ethyl Methanesul	fonate	NA	NA	NA	NA NA	NA
Fluoranthene		NA	NA	NA	NA NA	NA
Fluorene		NA	NA	NA	NA	NA
Hexachlorobenze	ene	NA	NA	NA	NA	NA
Hexachlorobutad	iene	NA	NA	NA	NA	NA
Hexachlorocyclop	pentadiene	NA	NA	NA	NA	NA
Hexachloroethan	е	NA	NA	NA	NA	NA
Hexachlorophene		NA	NA	NA	NA	NA
Hexachloroprope		NA	NA	NA	NA	NA
Indeno(1,2,3-cd)p	pyrene	NA	NA	NA	NA	NA
Isodrin		NA	NA	NA	NA	NA
Isophorone		NA	NA NA	NA NA	NA	NA
Isosafrole		NA NA	NA NA	NA NA	NA NA	NA NA
Methapyrilene	ulfanata	NA NA	NA NA	NA NA	NA NA	NA NA
Methyl Methanes Naphthalene	ulionate	NA NA	NA NA	NA NA	NA NA	NA NA
Nitrobenzene		NA NA	NA NA	NA NA	NA NA	NA NA
N-Nitrosodiethyla	mine	NA NA	NA NA	NA NA	NA NA	NA NA
N-Nitrosodimethy		NA NA	NA NA	NA NA	NA NA	NA NA
N-Nitroso-di-n-bu		NA NA	NA NA	NA NA	NA NA	NA
N-Nitroso-di-n-pro	•	NA	NA	NA	NA NA	NA
N-Nitrosodipheny		NA	NA	NA	NA NA	NA
N-Nitrosomethyle		NA	NA	NA	NA	NA
N-Nitrosomorpho		NA	NA	NA	NA	NA
N-Nitrosopiperidir	ne	NA	NA	NA	NA	NA
N-Nitrosopyrrolidi		NA	NA	NA	NA	NA
o,o,o-Triethylpho	sphorothioate	NA	NA	NA	NA	NA
o-Toluidine		NA	NA	NA	NA	NA
p-Dimethylamino		NA	NA	NA	NA	NA
Pentachlorobenze		NA	NA	NA	NA	NA
Pentachloroethar		NA	NA	NA	NA	NA
Pentachloronitrob		NA NA	NA NA	NA NA	NA NA	NA NA
Pentachlorophen	OI	NA NA	NA NA	NA NA	NA NA	NA NA
Phenacetin		NA NA	NA NA	NA NA	NA NA	NA NA
Phenanthrene		NA NA	NA NA	NA NA	NA NA	NA NA
Phenol		NA NA	NA NA	NA NA	NA NA	NA NA
Pronamide		NA NA	NA NA	NA NA	NA NA	NA NA
Pyrene Pyridine		NA NA	NA NA	NA NA		NA NA
				NA NA	NA	
Safrole		NA	NA		NA	NA

#### GROUNDWATER QUALITY INTERIM REPORT FOR FALL 2003 GROUNDWATER MANAGEMENT AREA 1 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

	Site ID:			Newell St. Area II		
	Sample ID:	N2SC-07S	NS-09	NS-17	NS-20	NS-37
Parameter	Date Collected:	10/17/03	10/16/03	10/15/03	10/16/03	10/17/03
Furans						
2,3,7,8-TCDF		NA	NA	NA	NA	NA
TCDFs (total)		NA	NA	NA	NA	NA
1,2,3,7,8-PeCDI		NA	NA	NA	NA	NA
2,3,4,7,8-PeCDI	F	NA NA	NA NA	NA NA	NA	NA NA
PeCDFs (total)	DE	NA NA	NA NA	NA NA	NA	NA
1,2,3,4,7,8-HxC		NA NA	NA NA	NA NA	NA NA	NA NA
1,2,3,6,7,8-HxC		NA NA	NA NA	NA NA	NA NA	NA NA
1,2,3,7,8,9-HxC		NA NA	NA NA	NA NA	NA NA	NA NA
2,3,4,6,7,8-HxC HxCDFs (total)	DF	NA NA	NA NA	NA NA	NA NA	NA NA
1,2,3,4,6,7,8-Hp	CDE	NA NA	NA NA	NA NA	NA NA	NA NA
1,2,3,4,7,8,9-Hp		NA NA	NA NA	NA NA	NA NA	NA NA
HpCDFs (total)	ООВІ	NA NA	NA NA	NA NA	NA NA	NA NA
OCDF		NA NA	NA NA	NA NA	NA	NA NA
Dioxins		101	101	1471	107.0	10.0
2,3,7,8-TCDD		NA	NA	NA	NA	NA
TCDDs (total)		NA NA	NA NA	NA NA	NA NA	NA NA
1,2,3,7,8-PeCDI	D	NA NA	NA NA	NA NA	NA NA	NA NA
PeCDDs (total)	_	NA NA	NA NA	NA NA	NA NA	NA NA
1,2,3,4,7,8-HxC	:DD	NA NA	NA NA	NA NA	NA NA	NA NA
1,2,3,6,7,8-HxC		NA NA	NA NA	NA NA	NA NA	NA NA
1,2,3,7,8,9-HxC		NA NA	NA NA	NA NA	NA NA	NA NA
HxCDDs (total)		NA	NA	NA NA	NA	NA
1,2,3,4,6,7,8-Hp	CDD	NA	NA	NA	NA	NA
HpCDDs (total)	-	NA	NA	NA	NA	NA
OCDD		NA	NA	NA	NA	NA
Total TEQs (WF	HO TEFs)	NA	NA	NA	NA	NA
Inorganics-Unf	filtered					
Antimony		NA	NA	NA	NA	NA
Arsenic		NA	NA	NA	NA	NA
Barium		NA	NA	NA	NA	NA
Beryllium		NA	NA	NA	NA	NA
Cadmium		NA	NA	NA	NA	NA
Chromium		NA	NA	NA	NA	NA
Cobalt		NA	NA	NA	NA	NA
Copper		NA	NA	NA	NA	NA
Cyanide		NA	NA	NA	NA	NA
Lead		NA	NA	NA	NA	NA
Mercury		ND(0.000200)	ND(0.000200)	ND(0.000200) [ND(0.000200)]	ND(0.000200)	ND(0.000200)
Nickel		NA NA	NA	NA NA	NA	NA
Selenium		NA	NA	NA NA	NA	NA
Silver		NA NA	NA NA	NA NA	NA	NA NA
Sulfide		NA NA	NA NA	NA NA	NA NA	NA
Thallium		NA NA	NA NA	NA NA	NA NA	NA NA
Tin Vanadium		NA NA	NA NA	NA NA	NA NA	NA NA
Zinc		NA NA	NA NA	NA NA	NA NA	NA NA
Inorganics-Filt	ered	11/7	14/7	INV	IVA	INA
Antimony	ereu	NA	NA	NA	NA	NA
Aritimony		NA NA	NA NA	NA NA	NA NA	NA NA
Barium		NA NA	NA NA	NA NA	NA NA	NA NA
Beryllium		NA NA	NA NA	NA NA	NA NA	NA NA
Cadmium		NA NA	NA NA	NA NA	NA NA	NA NA
Chromium		NA NA	NA NA	NA NA	NA NA	NA NA
Cobalt		NA NA	NA NA	NA NA	NA NA	NA NA
Copper		NA	NA	NA NA	NA	NA
Cyanide		NA	NA	NA NA	NA	NA
Lead		NA NA	NA NA	NA NA	NA	NA NA
Mercury		ND(0.000200)	ND(0.000200)	ND(0.000200) [ND(0.000200)]	ND(0.000200)	ND(0.000200)
Nickel		NA NA	NA	NA	NA	NA
Selenium		NA	NA	NA	NA	NA
Silver		NA	NA	NA	NA	NA
Thallium		NA	NA	NA NA	NA	NA
Tin		NA	NA	NA NA	NA	NA
Vanadium		NA	NA	NA NA	NA	NA
Zinc		NA	NA	NA	NA	NA

# GROUNDWATER QUALITY INTERIM REPORT FOR FALL 2003 GROUNDWATER MANAGEMENT AREA 1 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in parts per million, ppm)

#### Notes:

- 1. Samples were collected by Blasland Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of PCBs and Appendix IX+3 constituents.
- Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan, General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved November 4, 2002 and resubmitted December 10, 2002).
- 3. NA Not Analyzed.
- 4. ND Analyte was not detected. The number in parentheses is the associated detection limit.
- 5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. In Environmental Health Perspectives 106(2), December 1998.
- 6. Field duplicate sample results are presented in brackets.

#### Data Qualifiers:

#### Organics (volatiles, PCBs, semivolatiles, dioxin/furans)

- J Indicates that the associated numerical value is an estimated concentration.
- X Estimated maximum possible concentration.

#### Inorganics

- B Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).
- J Indicates that the associated numerical value is an estimated concentration.

# **Historical Groundwater Data**



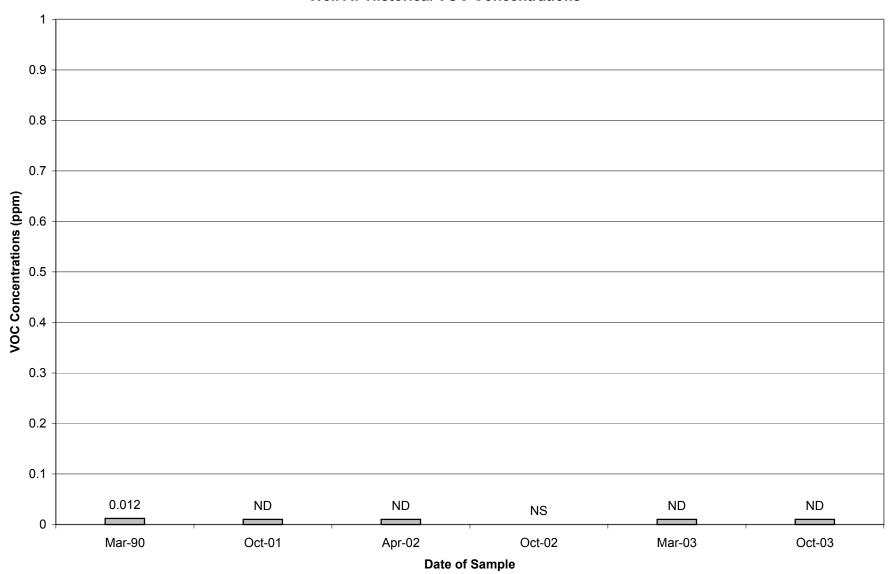
# **Historical Groundwater Data**

# **Total VOC Concentrations**



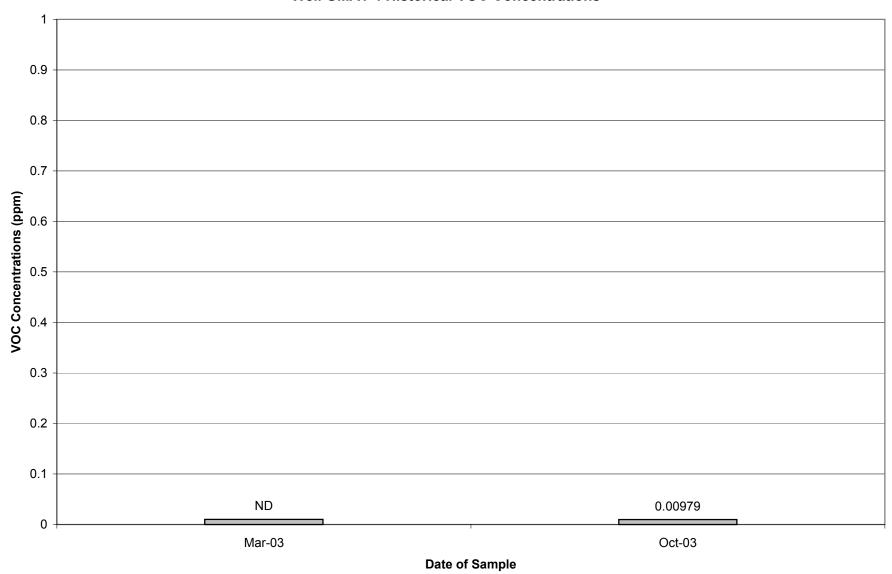
## Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

#### **Well A7 Historical VOC Concentrations**



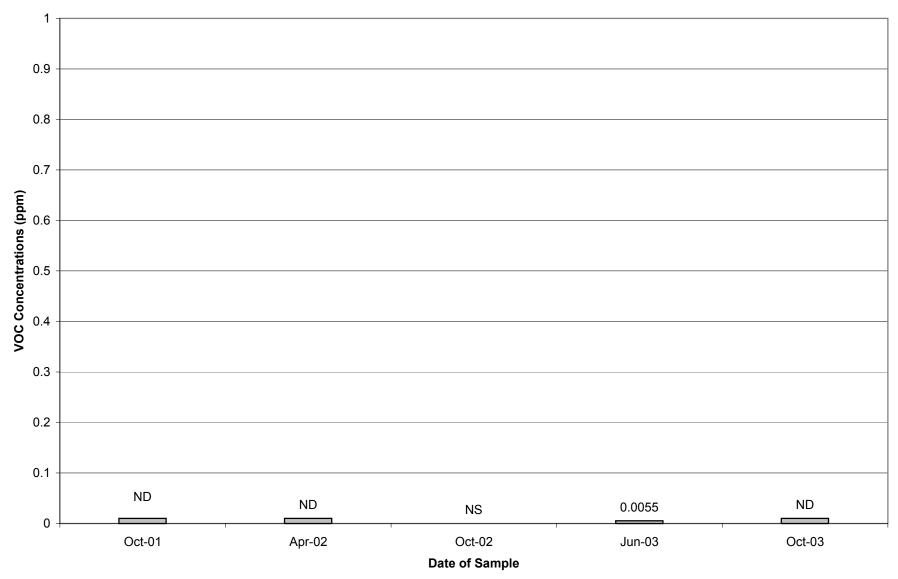
# Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

#### **Well GMA1-4 Historical VOC Concentrations**



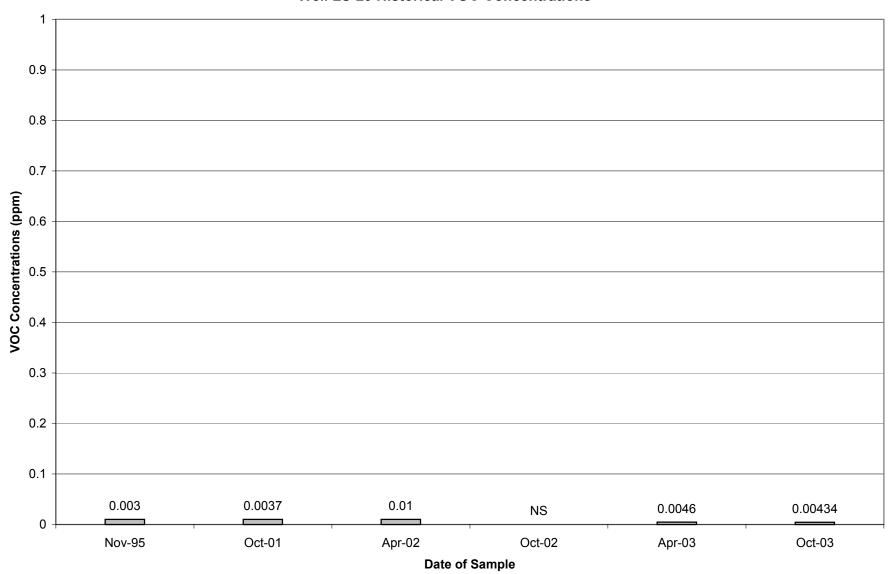
## Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

### Well 95-09 and GMA1-13 Historical VOC Concentrations



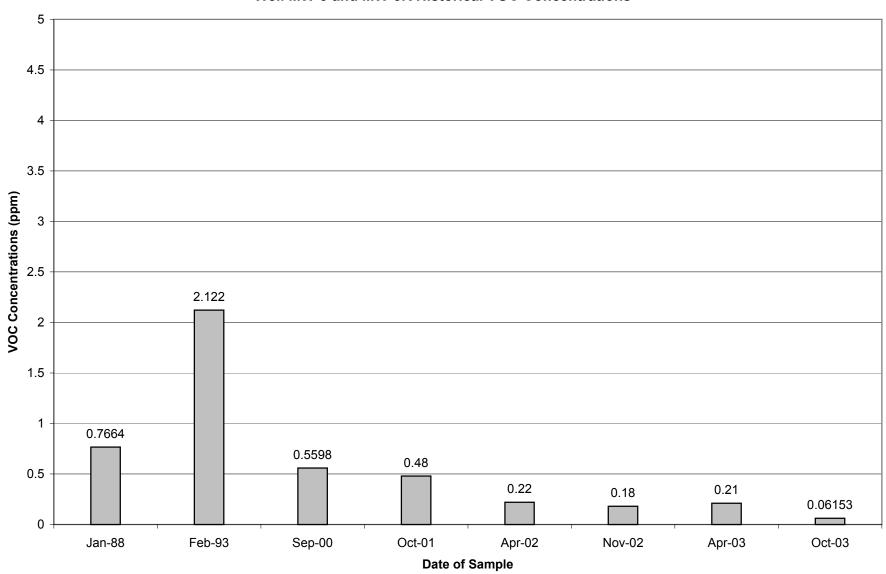
## Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

#### **Well LS-29 Historical VOC Concentrations**



# Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

#### Well MW-3 and MW-3R Historical VOC Concentrations



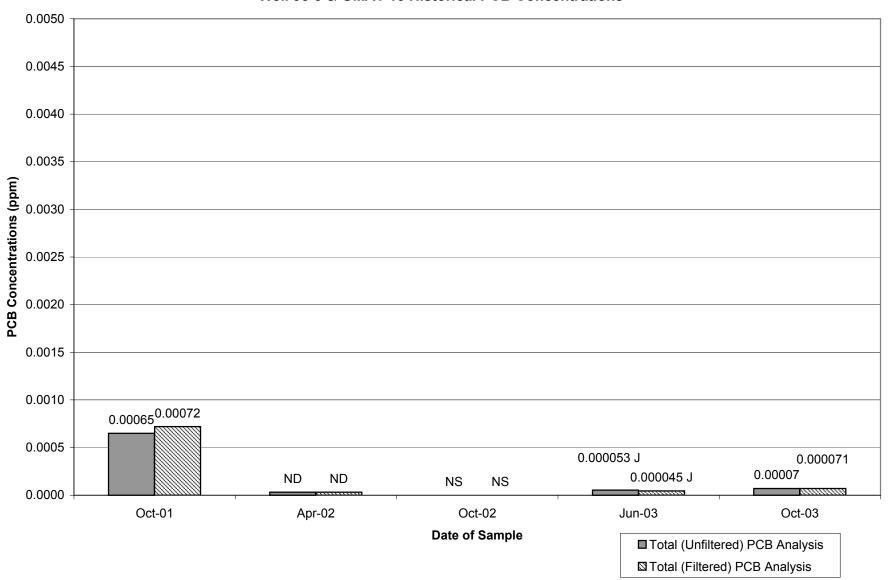
# **Historical Groundwater Data**

# **Total PCB Concentrations**



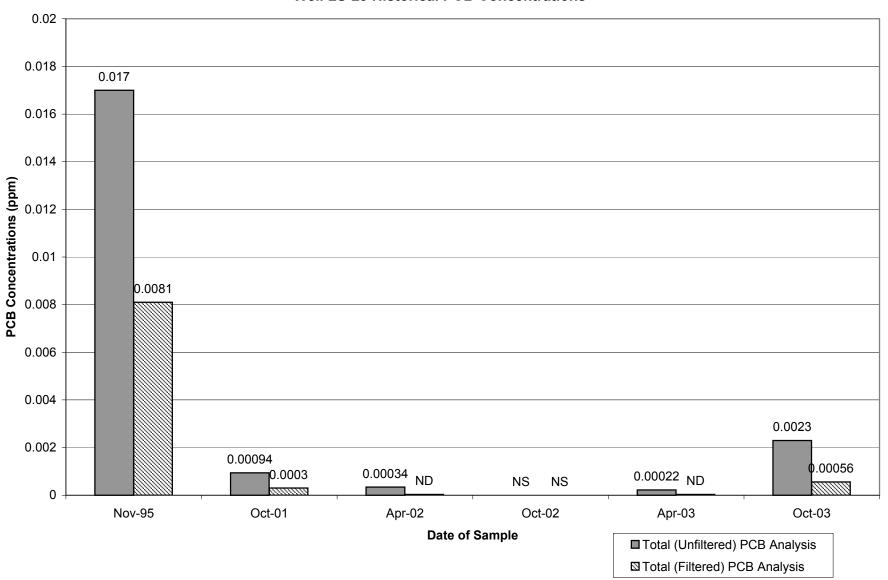
## Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

#### Well 95-9 & GMA1-13 Historical PCB Concentrations



## Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

#### **Well LS-29 Historical PCB Concentrations**



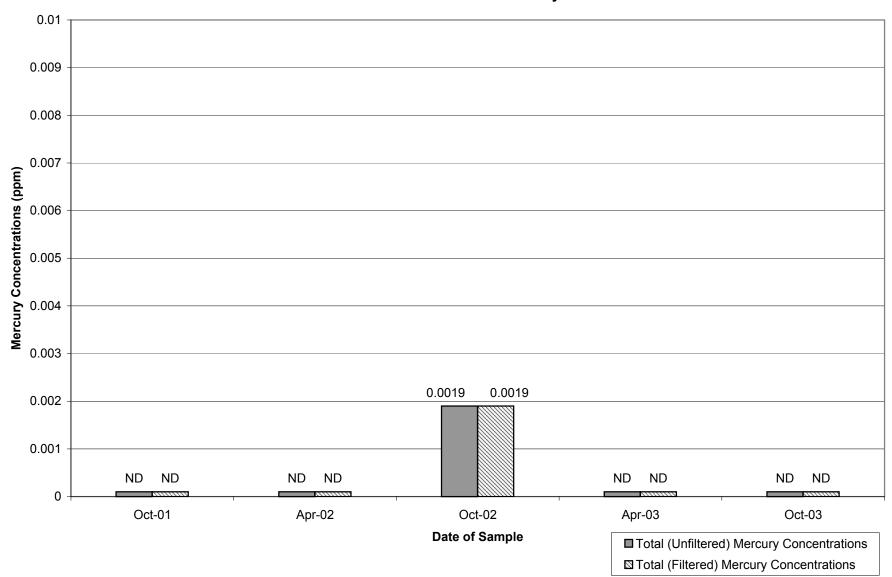
# **Historical Groundwater Data**

# **Mercury Concentrations**



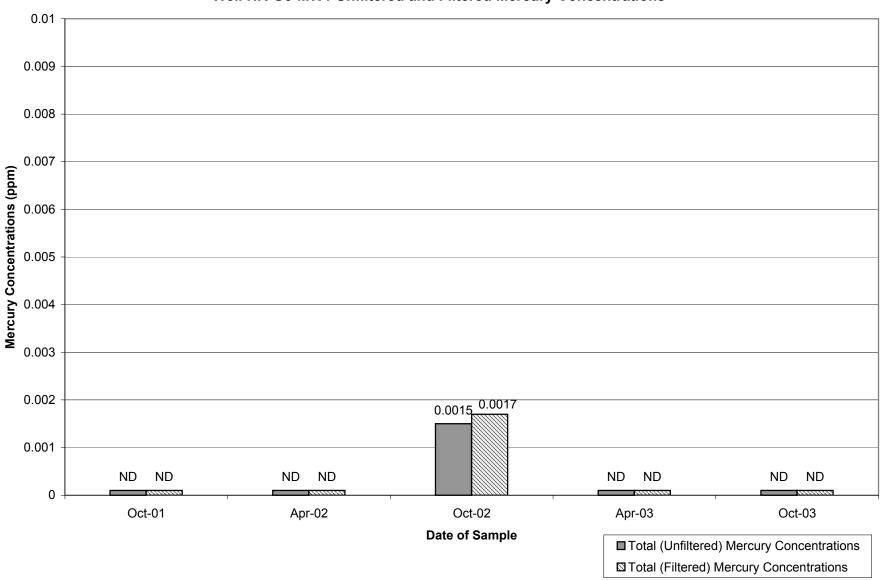
# Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

#### Well HR-G1-MW3 Unfiltered and Filtered Mercury Concentrations



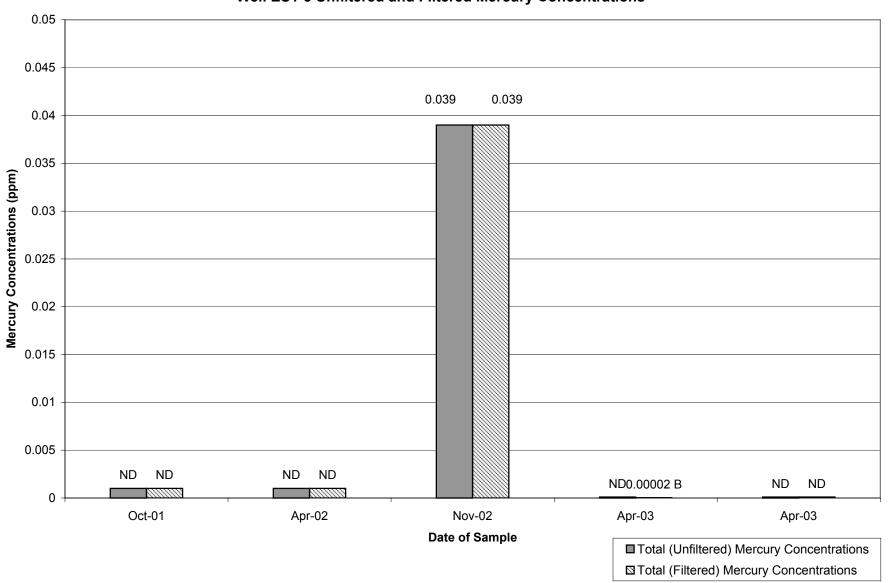
# Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

#### Well HR-G3-MW1 Unfiltered and Filtered Mercury Concentrations



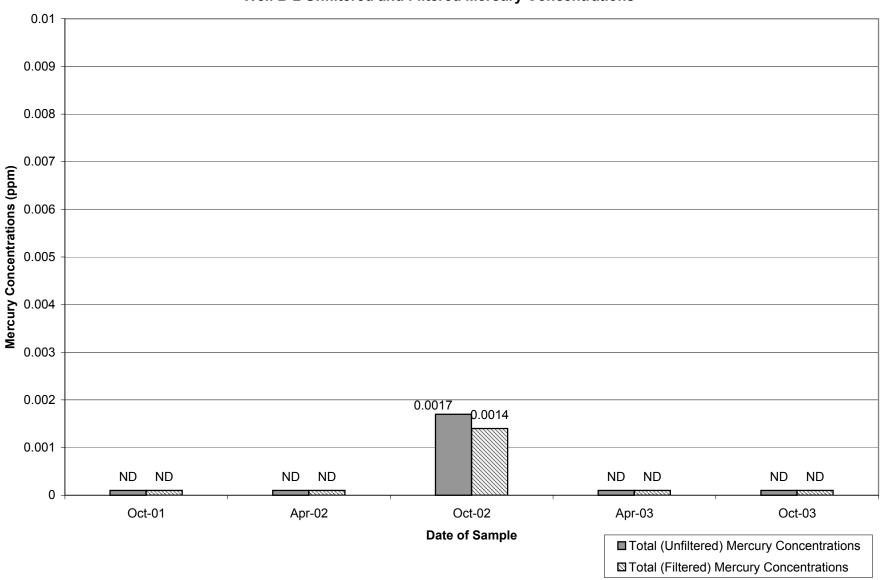
# Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

### **Well ES1-5 Unfiltered and Filtered Mercury Concentrations**



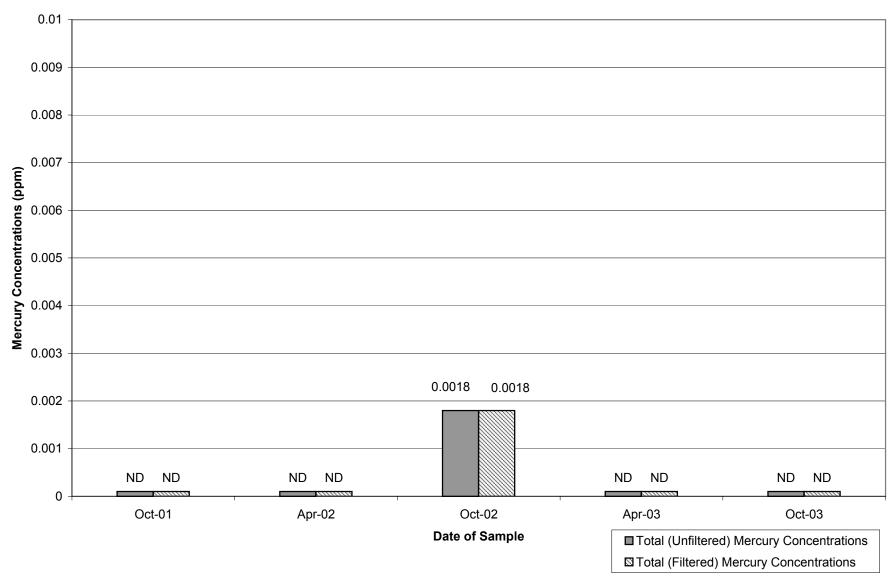
# Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

### **Well B-2 Unfiltered and Filtered Mercury Concentrations**



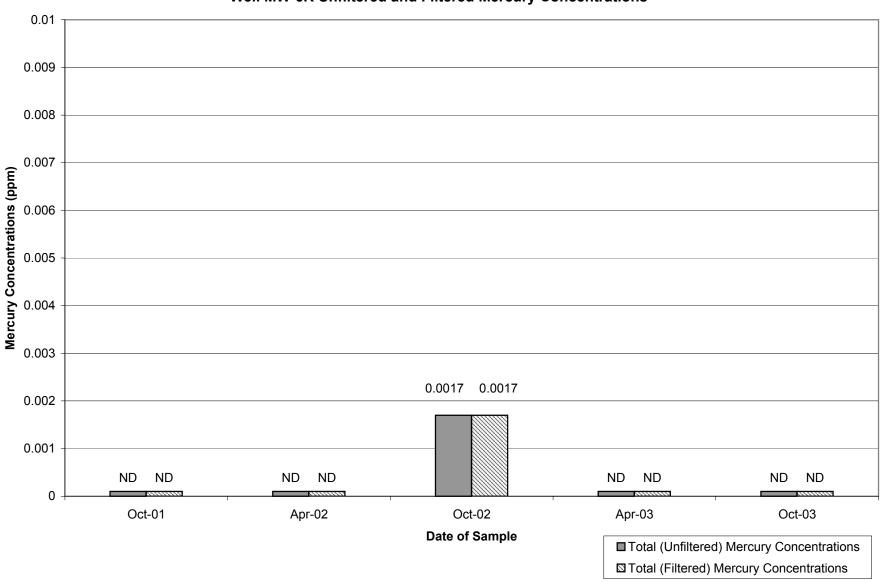
# Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

## **Well E-7 Unfiltered and Filtered Mercury Concentrations**



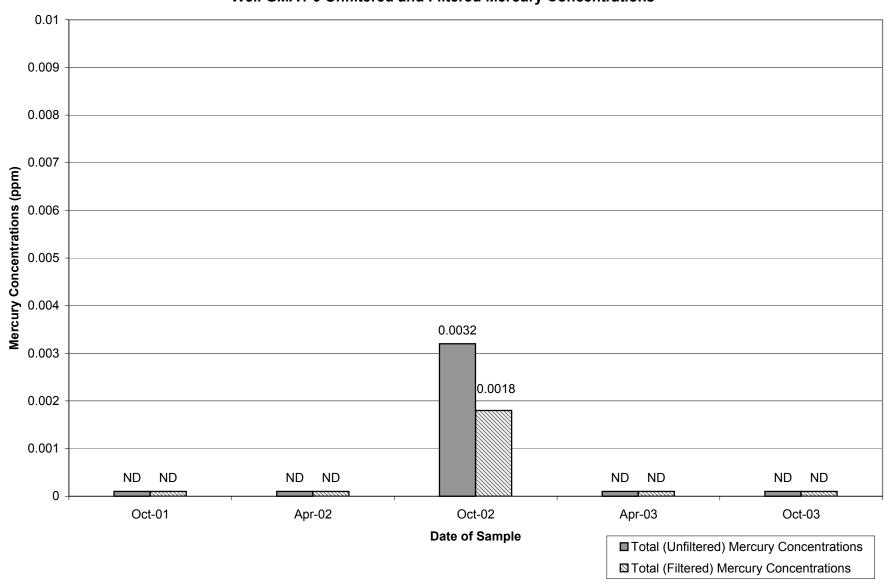
# Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

#### **Well MW-6R Unfiltered and Filtered Mercury Concentrations**



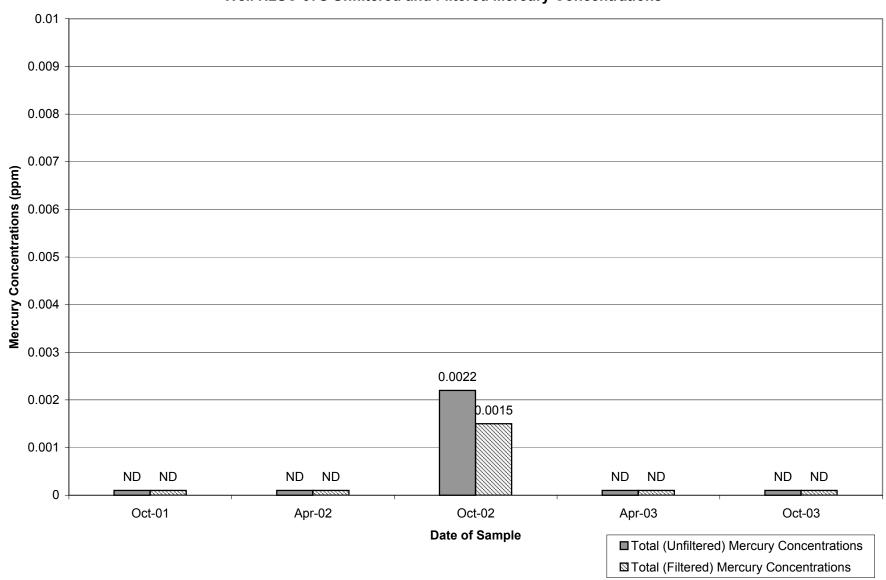
# Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

#### **Well GMA1-9 Unfiltered and Filtered Mercury Concentrations**



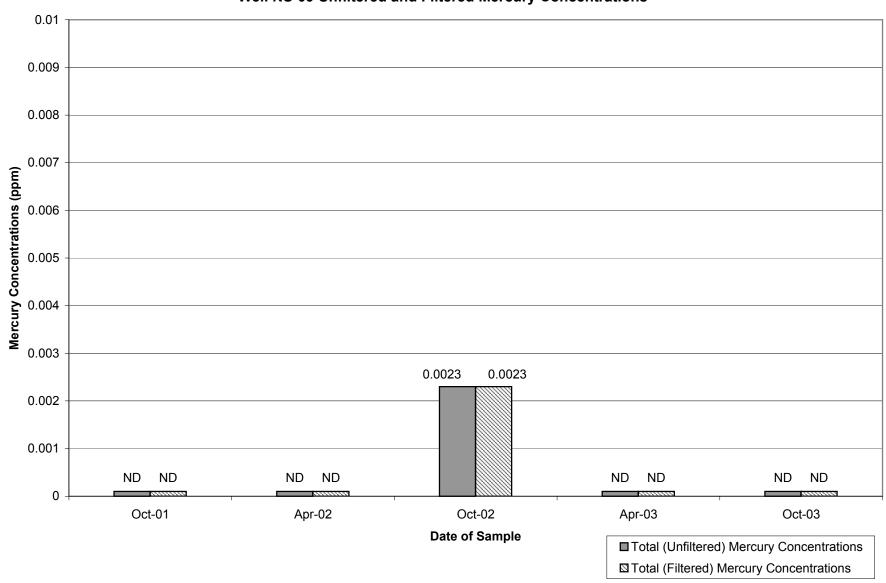
# Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

#### Well N2SC-07S Unfiltered and Filtered Mercury Concentrations



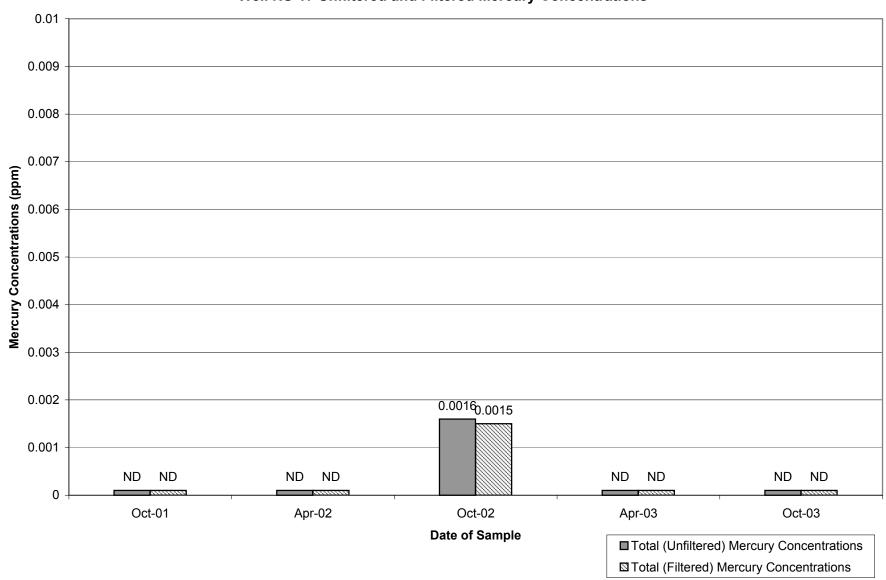
# Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

#### **Well NS-09 Unfiltered and Filtered Mercury Concentrations**



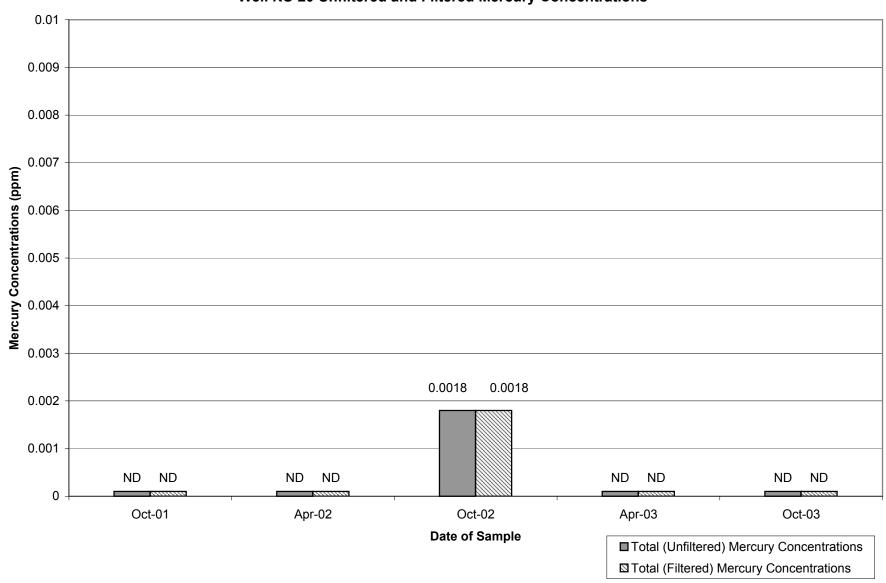
# Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

#### **Well NS-17 Unfiltered and Filtered Mercury Concentrations**



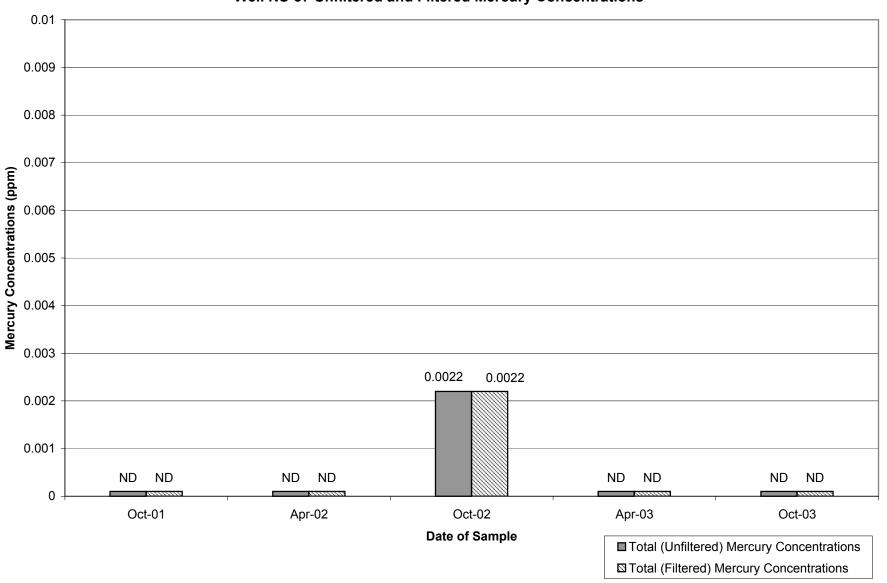
# Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

#### **Well NS-20 Unfiltered and Filtered Mercury Concentrations**



# Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

#### **Well NS-37 Unfiltered and Filtered Mercury Concentrations**



## Appendix E

### **Data Validation Report**



#### APPENDIX E

#### GENERAL ELECTRIC COMPANY PITTSFIELD, MASSACHUSETTS

#### PLANT SITE 1 GROUNDWATER MANAGEMENT AREA

#### FALL 2003 GROUNDWATER SAMPLING DATA VALIDATION REPORT

#### 1.0 General

This appendix summarizes the Tier I and Tier II data review performed for groundwater samples collected at the Plant Site 1 Groundwater Management Area (GMA 1) located in Pittsfield, Massachusetts. The samples were analyzed for various constituents listed in Appendix IX of 40 CFR Part 264, plus three additional constituents --benzidine, 2-chloroethyl vinyl ether, and 1,2-diphenylhydrazine (hereafter referred to as Appendix IX+3), by CT&E Environmental Services, Inc. of Charleston, West Virginia. Data validation was performed for 4 polychlorinated biphenyl (PCB) samples, 9 volatile organic compound (VOC) samples, 2 semi-volatile organic compound (SVOC) samples, 2 polychlorinated dibenzo-p-dioxin (PCDD)/polychlorinated dibenzo-furan (PCDF) samples, 30 metals samples, and 4 cyanide/sulfide samples.

#### 2.0 Data Evaluation Procedures

This appendix outlines the applicable quality control criteria utilized during the data review process and any deviations from those criteria. The data review was conducted in accordance with the following documents:

- Field Sampling Plan/Quality Assurance Project Plan, General Electric Company, Pittsfield, Massachusetts, Blasland, Bouck & Lee, Inc. . ([BBL]; FSP/QAPP, approved November 4, 2002 and resubmitted December 10, 2002);
- Region I Tiered Organic and Inorganic Data Validation Guidelines, USEPA Region I (July 1, 1993);
- Region I Laboratory Data Validation Functional Guidelines for Evaluating Inorganics Analyses, USEPA Region I (June 13, 1988) (Modified February 1989);
- Region I Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses, USEPA Region I (February 1, 1988) (Modified November 1, 1988);
- Region I Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses, USEPA Region I (Draft, December 1996); and
- National Functional Guidelines for Dioxin/Furan Data Validation, USEPA (Draft, January 1996).

A tabulated summary of the Tier I and Tier II data evaluation is presented in Table E-1. Each sample subjected to evaluation is listed in Table E-1 to document that data review was performed, as well as present the highest level of data validation (Tier I or Tier II) that was applied. Samples that required data qualification are listed separately for each parameter (compound or analyte) that required qualification.

The following data qualifiers have been used in this data evaluation.

- J The compound or analyte was positively identified, but the associated numerical value is an estimated concentration. This qualifier is used when the data evaluation procedure identifies a deficiency in the data generation process. This qualifier is also used when a compound or analyte is detected at estimated concentrations less than the practical quantitation limit (PQL).
- U The compound or analyte was analyzed for, but was not detected. The sample quantitation limit is presented and adjusted for dilution and (for solid samples only) percent moisture. Non-detected sample results are presented as ND(PQL) within this report and in Table E-1 for consistency with previous documents prepared for this investigation.
- UJ The compound or analyte was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual level of quantitation. Non-detected sample results that required qualification are presented as ND(PQL) J within this report and in Table E-1 for consistency with previous documents prepared for this investigation.
- R Indicates that the previously reported detection limit or sample result has been rejected due to a major deficiency in the data generation procedure. The data should not be used for any qualitative or quantitative purposes.

#### 3.0 Data Validation Procedures

Section 7.5 of the FSP/QAPP provides that all analytical data will be validated to a Tier I level following the procedures presented in the *Region I Tiered Organic and Inorganic Data Validation Guidelines* (USEPA guidelines). Accordingly, 100% of the analytical data for these investigations were subjected to Tier I review. The Tier I review consisted of a completeness evidence audit, as outlined in the *USEPA Region I CSF Completeness Evidence Audit Program* (USEPA Region I, 7/31/91), to ensure that all laboratory data and documentation were present. A tabulated summary of the samples subjected to Tier I and Tier II data evaluation is presented below.

Summary of Samples Subjected to Tier I and Tier II Data Validation

		Tier I Only					
Parameter	Samples	S Duplicates Blank		Samples Duplicates		Blanks	Total
PCBs	0	0 0 4		0	0	4	
VOCs	0	0	0	5	3	1	9
SVOCs	0	0	0	2	0	0	2
PCDDs/PCDFs	0	0	0	2	0	0	2
Metals	16	0	0	12	0	2	30
Cyanide/Sulfide	0	0	0	4	0	0	4
Total	16	0	0	29	3	3	51

In the event that data packages were determined to be incomplete, the missing information was requested from the laboratory. Upon completion of the Tier I review, the data packages complied with the USEPA Region I Tier I data completeness requirements.

As specified in the FSP/QAPP, approximately 25% of the laboratory sample delivery group packages were randomly chosen to be subjected to a Tier II review. A Tier II review was also performed to resolve data usability limitations that were identified from laboratory qualification of the data during the Tier I data review. The Tier II data review consisted of a review of all data package summary forms for identification of quality assurance/quality control (QA/QC) deviations and qualification of the data according to the Region I Data Validation Functional Guidelines. Due to the variable sizes of the data packages and the number of data qualification issues identified during the Tier I review, approximately 69% of the data were subjected to a Tier II review. The Tier II review resulted in the qualification of data for several samples due to minor QA/QC deficiencies. Additionally, all field duplicates were examined for relative percent difference (RPD) compliance with the criteria specified in the FSP/QAPP.

When qualification of the sample data was required, the sample results associated with a QA/QC parameter deviation were qualified in accordance with the procedures outlined in the USEPA Region I data validation guidance documents. When the data validation process identified several quality control deficiencies, the cumulative effect of the various deficiencies was employed in assigning the final data qualifier. A summary of the QA/QC parameter deviations that resulted in data qualification is presented below for each analytical method.

#### 4.0 Data Review

Initial calibration criterion for organic analyses requires that the average relative response factor (RRF) has a value greater than 0.05. Sample results were qualified as estimated (J) when this criterion was exceeded. The compounds that exceeded initial calibration criterion and the number of samples qualified are presented below.

Number of Affected Analysis Compound Qualification Samples 9 **VOCs** 1,4-Dioxane J 9 J 2-Butanone 9 J Acetonitrile Isobutanol 9 J **SVOCs** 4-Nitroquinoline-1-oxide 2 2 Hexachlorophene J

**Analysis Qualified Due to Initial Calibration RRF Deviations** 

Several of the organic compounds (including the compounds presented in the table above detailing RRF deviations) exhibit instrument response factors (RFs) below the USEPA Region I minimum value of 0.05, but meet the analytical method criterion, which does not specify minimum RFs for these compounds. These compounds were analyzed by the laboratory at a higher concentration than the compounds that normally exhibit RFs greater than the USEPA Region I minimum value of 0.05 in an effort to demonstrate acceptable response. USEPA Region I guidelines state that non-detected compound results associated with a RF less than the minimum value of 0.05 are to be rejected (R). In the case of these select organic compounds, the RF is an inherent problem with the current analytical methodology; therefore, the non-detected sample results were qualified as estimated (J).

Initial calibration criterion for SVOCs requires that the percent relative standard deviation (%RSD) must be less than or equal to 30 percent. Sample data for detected and non-detected compounds with %RSD values greater than 30 percent were qualified as approximated (J). The compounds that exceeded initial calibration criterion and the number of samples qualified due those exceeded are identified below.

#### **Compounds Qualified Due to Initial Calibration %RSD Deviations**

Analysis	Compound	Number of Affected Samples	Qualification	
SVOCs	4-Nitrophenol	1	J	
	Hexachlorocyclopentadiene	1	J	

The continuing calibration criterion requires that the %D between the initial calibration RRF and the continuing calibration RRF for VOCs and SVOCs be less than 25%. Sample data for detected and non-detected compounds with %D values that exceeded the continuing calibration criterion were qualified as estimated (J). A summary of the compounds that exceeded continuing calibration criterion and the number of samples qualified due to those deviations are identified below.

Compounds Qualified Due to Continuing Calibration of %D Values

Analysis	Compound	Number of Affected Samples	Qualification		
VOCs	1,2-Dibromo-3-chloropropane	6	J		
	Acrylonitrile	6	J		
SVOCs	1,3,5-Trinitrobenzene	2	J		
	1,3-Dinitrobenzene	2	J		
	2-Nitroaniline	2	J		
	3,3'-Dimethylbenzidine	2	J		
	4-Chlorobenzilate	2	J		
	Aramite	2	J		
	Benzidine	2	J		
	bis(2-Chloroisopropyl)ether	2	J		

Contract required detection limit (CRDL) standards were analyzed to evaluate instrument performance at low-level concentrations that are near the analytical method PQL. These standards are required to have recoveries between 80 and 120% to verify that the analytical instrumentation was properly calibrated. When CRDL standard recoveries exceeded the 80 to 120% control limits, the affected samples with detected results at or near the PQL concentration (less than three times the PQL) were qualified as estimated (J). The analytes that exceeded CRDL criteria and the number of samples qualified due to those deviations are presented below.

**Analytes Qualified Due to CRDL Deviations** 

Analysis	Analyte	Number of Affected Samples	Qualification
Inorganics	Arsenic	2	J
	Lead	2	J
	Selenium	2	J
	Thallium	2	J
	Zinc	1	J

Matrix Spike (MS)/Matrix Spike Duplicate (MSD) sample analysis recovery criteria for organics require that spike recoveries be within the laboratory generated QC acceptance limits specified on the MS/MSD reporting form. Organic sample results that exceeded laboratory generated QC acceptance limits and have MS/MSD recoveries

greater than 10 percent were qualified as estimated (J). Compounds that did not meet MS/MSD recovery criteria and the samples qualified due to those deviations are presented below.

Compounds Qualified Due to Matrix Spike/Matrix Spike Duplicate Recovery Deviations

Analysis	Compounds	Number of Affected Samples	Qualification
VOCs	Naphthalene	1	J

Field, laboratory, and method blanks were analyzed to evaluate whether field sampling equipment or laboratory background contamination may have contributed to the reported sample results. When detected analytes were identified in a blank sample, blank action levels were calculated at 10 times the blank concentrations for the common laboratory contaminant compounds (OCDD and OCDF) and five times the blank concentration for all other detected analytes. Detected sample results that were below the blank action level were qualified with a "U." The analytes detected in the method blanks, and which resulted in qualification of sample data, are presented below.

**Compounds Qualified Due to Blank Deviations** 

Analysis	Compound	Number of Affected Samples	Qualification		
Inorganics	Beryllium	2	U		
	Copper	3	U		
	Silver	2	U		
	Zinc	2	U		
PCDDs/PCDFs	1,2,3,4,6,7,8-HpCDF	2	U		
	2,3,4,7,8-PeCDF	1	U		
	HpCDDs (total)	1	U		
	PeCDFs (total)	1	U		

#### 5.0 Overall Data Usability

This section summarizes the analytical data in terms of its completeness and usability for site characterization purposes. Data completeness is defined as the percentage of sample results that have been determined to be usable during the data validation process. Data completeness with respect to usability was calculated separately for inorganic s and each of the organic analyses. The percent usability calculation included analyses evaluated under both Tier I and Tier II data validation reviews. The percent usability calculation also includes quality control samples collected to aid in the evaluation of data usability. Therefore, field/equipment blank, trip blank, and field duplicate data determined to be unusable as a result of the validation process are represented in the percent usability value tabulated below.

**Data Usability** 

Parameter	Percent Usability	Rejected Data
Inorganics	100	None
Cyanide and Sulfide	100	None
VOCs	100	None
SVOCs	100	None
PCBs	100	None
PCDDs/PCDFs	100	None

The data package completeness, as determined from the Tier I data review, was used in combination with the data quality deviations identified during the Tier II data review to determine overall data quality. As specified in the FSP/QAPP, the overall precision, accuracy, representativeness, comparability, and completeness (PARCC) parameters determined from the Tier I and Tier II data reviews were used as indicators of overall data quality. These parameters were assessed through an evaluation of the results of the field and laboratory QA/QC sample analyses to provide a measure of compliance of the analytical data with the data quality objectives (DQOs) specified in the FSP/QAPP. Therefore, the following sections present summaries of the PARCC parameters assessment with regard to the DQOs specified in the FSP/QAPP.

#### 5.1 Precision

Precision measures the reproducibility of measurements under a given set of conditions. Specifically, it is a quantitative measure of the variability of a group of measurements compared to their average value. For this investigation, precision was defined as the RPD between duplicate sample results. The duplicate samples used to evaluate precision included laboratory duplicates, field duplicates, MS/MSD samples, and ICP serial dilution samples. None of the data required qualification for laboratory duplicate RPD deviations, field duplicate RPD deviations, MS/MSD RPD or ICP serial dilutions.

#### 5.2 Accuracy

Accuracy measures the bias in an analytical system or the degree of agreement of a measurement with a known reference value. For this investigation, accuracy was defined as the percent recovery of QA/QC samples that were spiked with a known concentration of an analyte or compound of interest. The QA/QC samples used to evaluate analytical accuracy included instrument calibration, internal standards, laboratory control standards (LCSs), MS/MSD samples, CRDL samples, and surrogate compound recoveries. For this analytical program, 5.2% of the data required qualification for calibration deviations, 0.15% of the data required qualification for MS/MSD recoveries, and 0.68% of the data required qualification for CRDL standard recoveries. None of the data required qualification for internal standards recoveries, surrogate recoveries, or LCS recoveries.

#### 5.3 Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents a characteristic of a population, parameter variations at a sampling point, or an environmental condition. Representativeness is a qualitative parameter which is most concerned with the proper design of the sampling program. The representativeness criterion is best satisfied by making certain that sampling locations are selected properly and a sufficient number of samples are collected. This parameter has been addressed by collecting samples at locations specified in Agency-approved work plans, and by following the procedures for sample collection/analyses that were described in the FSP/QAPP. Additionally, the analytical program used procedures that were consistent with USEPA-approved analytical methodology. A QA/QC parameter that is an indicator of the representativeness of a sample is holding time. Holding time criteria are established to maintain the samples in a state that is representative of the in-situ field conditions before analysis. For this analytical program, none of the data required qualification for exceeding holding time extraction requirements.

#### 5.4 Comparability

Comparability is a qualitative parameter expressing the confidence with which one data set can be compared with another. This goal was achieved through the use of the standardized techniques for sample collection

and analysis presented in the FSP/QAPP. The USEPA SW-846<sup>1</sup> analytical methods presented in the FSP/QAPP are updated on occasion by the USEPA to benefit from recent technological advancements in analytical chemistry and instrumentation. In most cases, the method upgrades include the incorporation of new technology that improves the sensitivity and stability of the instrumentation or allows the laboratory to increase throughput without hindering accuracy and precision. Overall, the analytical methods for this investigation have remained consistent in their general approach through continued use of the basic analytical techniques (i.e., sample extraction/preparation, instrument calibration, QA/QC procedures, etc.). Through this use of consistent base analytical procedures and by requiring that updated procedures meet the QA/QC criteria specified in the FSP/QAPP, the analytical data from past, present, and future sampling events will be comparable to allow for qualitative and quantitative assessment of site conditions.

#### 5.5 Completeness

Completeness is defined as the percentage of measurements that are judged to be valid or usable to meet the prescribed DQOs. The completeness criterion is essentially the same for all data uses -- the generation of a sufficient amount of valid data. The actual completeness of this analytical data for individual analytical parameters and overall usability of this data set is 100%.

<sup>&</sup>lt;sup>1</sup> Test Methods for evaluating Solid Waste, SW-846, USEPA, Final Update III, December 1996.

### TABLE E-1 ANALYTICAL DATA VALIDATION SUMMARY

### GROUNDWATER MANAGEMENT AREA 1 GROUNDWATER QUALITY INTERIM REPORT FOR FALL 2003 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs		_			400			1 0000		4	1
3J0P250	A-7	10/9/2003	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.20) J	
						2-Butanone	ICAL RRF	0.035	>0.05	ND(0.010) J	
						Acetonitrile	ICAL RRF	0.036	>0.05	ND(0.10) J	
						Isobutanol	ICAL RRF	0.011	>0.05	ND(0.10) J	
3J0P250	GMA1-4	10/9/2003	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.20) J	
						2-Butanone	ICAL RRF	0.035	>0.05	ND(0.010) J	
						Acetonitrile	ICAL RRF	0.036	>0.05	ND(0.10) J	
						Isobutanol	ICAL RRF	0.011	>0.05	ND(0.10) J	
3J0P250	TRIP BLANK	10/9/2003	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.20) J	
						2-Butanone	ICAL RRF	0.035	>0.05	ND(0.010) J	
						Acetonitrile	ICAL RRF	0.036	>0.05	ND(0.10) J	
						Isobutanol	ICAL RRF	0.011	>0.05	ND(0.10) J	
3J0P314	DUP-1	10/13/2003	Water	Tier II	Yes		CCAL %D	31.2%	<25%	ND(0.0050) J	LS-MW-3R
						1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.20) J	
						2-Butanone	ICAL RRF	0.049	>0.05	ND(0.010) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.10) J	
				1		Acrylonitrile	CCAL %D	30.0%	<25%	ND(0.0050) J	
						Isobutanol	ICAL RRF	0.011	>0.05	ND(0.10) J	
3J0P314	LS-29	10/13/2003	Water	Tier II	Yes		CCAL %D	31.2%	<25%	ND(0.0050) J	
						1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.20) J	
						2-Butanone	ICAL RRF	0.049	>0.05	ND(0.010) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.10) J	
						Acrylonitrile	CCAL %D	30.0%	<25%	ND(0.0050) J	
						Isobutanol	ICAL RRF	0.011	>0.05	ND(0.10) J	
3J0P314	LS-MW-3R	10/13/2003	Water	Tier II	Yes	1,2-Dibromo-3-chloropropane		31.2%	<25%	ND(0.0050) J	
						1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.20) J	
						2-Butanone	ICAL RRF	0.049	>0.05	ND(0.010) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.10) J	
						Acrylonitrile	CCAL %D	30.0%	<25%	ND(0.0050) J	
						Isobutanol	ICAL RRF	0.011	>0.05	ND(0.10) J	
						Naphthalene	MS %R	134.0%	75% to 130%	0.011 J	
						Naphthalene	MSD %R	214.0%	75% to 130%	0.011 J	
3J0P314	TRIP BLANK	10/13/2003	Water	Tier II	Yes		CCAL %D	31.2%	<25%	ND(0.0050) J	
						1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.20) J	
						2-Butanone	ICAL RRF	0.049	>0.05	ND(0.010) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.10) J	
						Acrylonitrile	CCAL %D	30.0%	<25%	ND(0.0050) J	
	0144440	10/15/05 5 5	147 .		L	Isobutanol	ICAL RRF	0.011	>0.05	ND(0.10) J	
3J0P377	GMA1-13	10/15/2003	Water	Tier II	Yes	1,2-Dibromo-3-chloropropane		31.2%	<25%	ND(0.0050) J	-
						1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.20) J	
					1	2-Butanone	ICAL RRF	0.049	>0.05	ND(0.010) J	-
					1	Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.10) J	-
					1	Acrylonitrile	CCAL %D	30.0%	<25%	ND(0.0050) J	
10007=	TDID DI ANIK	40/45/0000	147.	- · ·	<del></del>	Isobutanol	ICAL RRF	0.011	>0.05	ND(0.10) J	-
3JUP377	TRIP BLANK	10/15/2003	Water	Tier II	Yes	1,2-Dibromo-3-chloropropane	CCAL %D	31.2%	<25%	ND(0.0050) J	
						1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.20) J	
						2-Butanone	ICAL RRF	0.049	>0.05	ND(0.010) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.10) J	
					1	Acrylonitrile	CCAL %D	30.0%	<25%	ND(0.0050) J	
						Isobutanol	ICAL RRF	0.011	>0.05	ND(0.10) J	

### TABLE E-1 ANALYTICAL DATA VALIDATION SUMMARY

### GROUNDWATER MANAGEMENT AREA 1 GROUNDWATER QUALITY INTERIM REPORT FOR FALL 2003 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Delivery											
Group		Date		Validation							
No.	Sample ID	Collected	Matrix	Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs											
3J0P314	LS-29	10/13/2003	Water	Tier II		1,3,5-Trinitrobenzene	CCAL %D	46.1%	<25%	ND(0.010) J	
						1,3-Dinitrobenzene	CCAL %D	43.9%	<25%	ND(0.010) J	
						2-Nitroaniline	CCAL %D	67.0%	<25%	ND(0.050) J	
						3,3'-Dimethylbenzidine	CCAL %D	32.4%	<25%	ND(0.010) J	
						4-Chlorobenzilate	CCAL %D	38.1%	<25%	ND(0.010) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.010) J	
						Aramite	CCAL %D	47.1%	<25%	ND(0.010) J	
						Benzidine	CCAL %D	32.3%	<25%	ND(0.020) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	47.3%	<25%	ND(0.010) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.020) J	
3J0P377	GMA1-13	10/15/2003	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	46.1%	<25%	ND(0.010) J	
						1,3-Dinitrobenzene	CCAL %D	43.9%	<25%	ND(0.010) J	
						2-Nitroaniline	CCAL %D	67.0%	<25%	ND(0.050) J	
						3,3'-Dimethylbenzidine	CCAL %D	32.4%	<25%	ND(0.010) J	
						4-Chlorobenzilate	CCAL %D	38.1%	<25%	ND(0.010) J	
						4-Nitrophenol	ICAL %RSD	34.4%	<30%	ND(0.050) J	
						4-Nitroguinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.010) J	
						Aramite	CCAL %D	47.1%	<25%	ND(0.010) J	
						Benzidine	CCAL %D	32.3%	<25%	ND(0.020) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	47.3%	<25%	ND(0.010) J	
						Hexachlorocyclopentadiene	ICAL %RSD	30.1%	<30%	ND(0.010) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.020) J	
PCBs								•			
3J0P314	LS-29 Filtered	10/13/2003	Water	Tier II	No						
3J0P314	LS-29	10/13/2003	Water	Tier II	No						
3J0P377	GMA1-13 Filtered	10/15/2003	Water	Tier II	No						
3J0P377	GMA1-13	10/15/2003	Water	Tier II	No						
PCDDs/P0	DFs							•			
3J0P314	LS-29	10/13/2003	Water	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Method Blank	-	-	ND(0.0000000026)	
3J0P377	GMA1-13	10/15/2003	Water	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Method Blank	-	-	ND(0.0000000025)	
						2,3,4,7,8-PeCDF	Method Blank	_	_	ND(0.00000000070)	
						HpCDDs (total)	Method Blank	-	_	ND(0.0000000018)	
						PeCDFs (total)	Method Blank	-	-	ND(0.00000000070)	
Sulfide an	d Cyanide					,		•		, , , , , , , , , , , , , , , , , , , ,	•
	LS-29 Filtered	10/13/2003	Water	Tier II	No						
	LS-29	10/13/2003	Water	Tier II	No						
	GMA1-13 Filtered	10/15/2003	Water	Tier II	No			1			
	GMA1-13	10/15/2003		Tier II	No			1			
3301 011	C 11 10	10/10/2000	Tatol	I ICI II	110	l	1		1		I

### TABLE E-1 ANALYTICAL DATA VALIDATION SUMMARY

### GROUNDWATER MANAGEMENT AREA 1 GROUNDWATER QUALITY INTERIM REPORT FOR FALL 2003 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Delivery											
Group		Date		Validation							
No.	Sample ID	Collected	Matrix	Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Metals								•			
3J0P250	B-2 Filtered	10/9/2003	Water	Tier II	No						
3J0P250	B-2	10/9/2003	Water	Tier II	No						
3J0P250	E-07 Filtered	10/9/2003	Water	Tier II	No						
3J0P250	E-07	10/9/2003	Water	Tier II	No						
3J0P250	LS-MW-6R Filtered	10/9/2003	Water	Tier II	No						
3J0P250	LS-MW-6R	10/9/2003	Water	Tier II	No						
3J0P295	ES1-05 Filtered	10/10/2003	Water	Tier I	No						
3J0P295	ES1-05	10/10/2003	Water	Tier I	No						
3J0P314	LS-29 Filtered	10/13/2003	Water	Tier II	Yes	Arsenic	CRDL Standard %R	67.8%	80% to 120%	ND(0.0100) J	
						Lead	CRDL Standard %R	130.7%	80% to 120%	ND(0.00300) J	
						Selenium	CRDL Standard %R	130.1%	80% to 120%	ND(0.00500) J	
						Thallium	CRDL Standard %R	133.8%	80% to 120%	ND(0.0100) J	
						Zinc	Method Blank	-	-	ND(0.020)	
3J0P314	LS-29	10/13/2003	Water	Tier II	Yes	Arsenic	CRDL Standard %R	67.8%	80% to 120%	ND(0.0100) J	
						Beryllium	Method Blank	-	-	ND(0.20)	
						Copper	Method Blank	-	-	ND(0.025)	
						Lead	CRDL Standard %R	130.7%	80% to 120%	0.00250 J	
						Selenium	CRDL Standard %R	130.1%	80% to 120%	ND(0.00500) J	
						Thallium	CRDL Standard %R	133.8%	80% to 120%	ND(0.0100) J	
						Zinc	CRDL Standard %R	66.4%	80% to 120%	ND(0.0200) J	
3J0P377	DUP-2 Filtered	10/15/2003	Water	Tier II	No						NS-17
3J0P377	DUP-2	10/15/2003	Water	Tier II	No						NS-17
3J0P377	GMA1-13 Filtered	10/15/2003	Water	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.0010)	
						Copper	Method Blank	-	-	ND(0.025)	
						Silver	Method Blank	-	-	ND(0.0050)	
						Zinc	Method Blank	-	-	ND(0.020)	
3J0P377	GMA1-13	10/15/2003	Water	Tier II	Yes	Copper	Method Blank	-	-	ND(0.025)	
						Silver	Method Blank	-	-	ND(0.0050)	
3J0P377	NS-17 Filtered	10/15/2003	Water	Tier II	No						
3J0P377	NS-17	10/15/2003	Water	Tier II	No						
	GMA1-9 Filtered	10/16/2003	Water	Tier I	No						
3J0P400	GMA1-9	10/16/2003	Water	Tier I	No						
	HR-G1-MW-3 Filtered	10/16/2003	Water	Tier I	No						
	HR-G1-MW-3	10/16/2003	Water	Tier I	No						
	HR-G3-MW-1 Filtered	10/16/2003	Water	Tier I	No						
3J0P400	HR-G3-MW-1	10/16/2003	Water	Tier I	No						
3J0P400	NS-09 Filtered	10/16/2003	Water	Tier I	No						
3J0P400	NS-09	10/16/2003	Water	Tier I	No						
3J0P400	NS-20 Filtered	10/16/2003	Water	Tier I	No						
3J0P400	NS-20	10/16/2003	Water	Tier I	No						
3J0P428	N2SC-07S Filtered	10/17/2003	Water	Tier I	No						
3J0P428	N2SC-07S	10/17/2003	Water	Tier I	No						
3J0P428	NS-37 Filtered	10/17/2003	Water	Tier I	No						
3J0P428	NS-37	10/17/2003	Water	Tier I	No						